

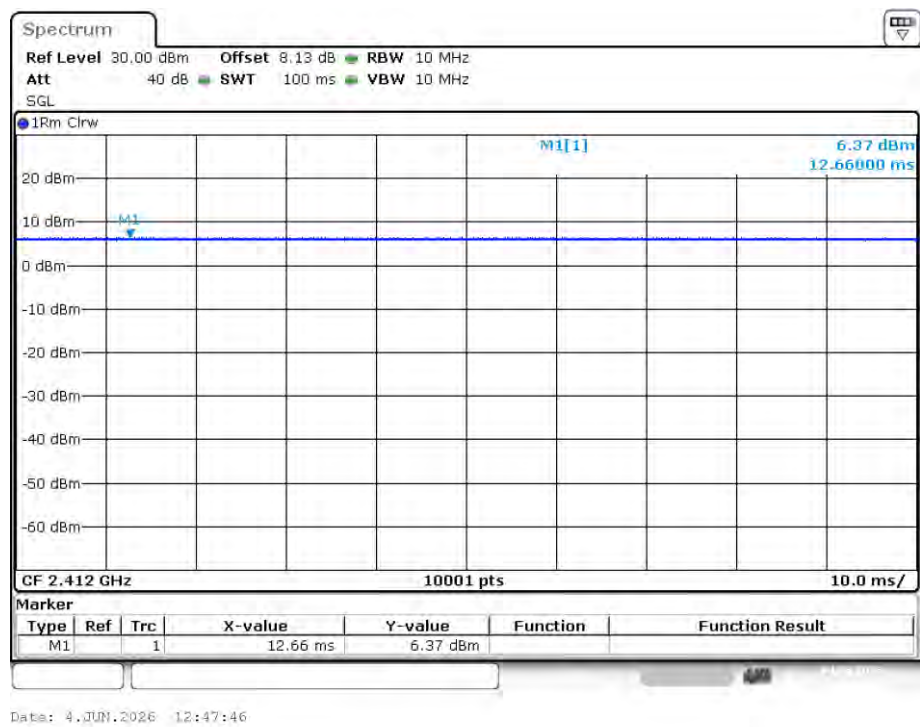
FCC ID: 2BWEW-NTK

Appendix of 2.4G WIFI data

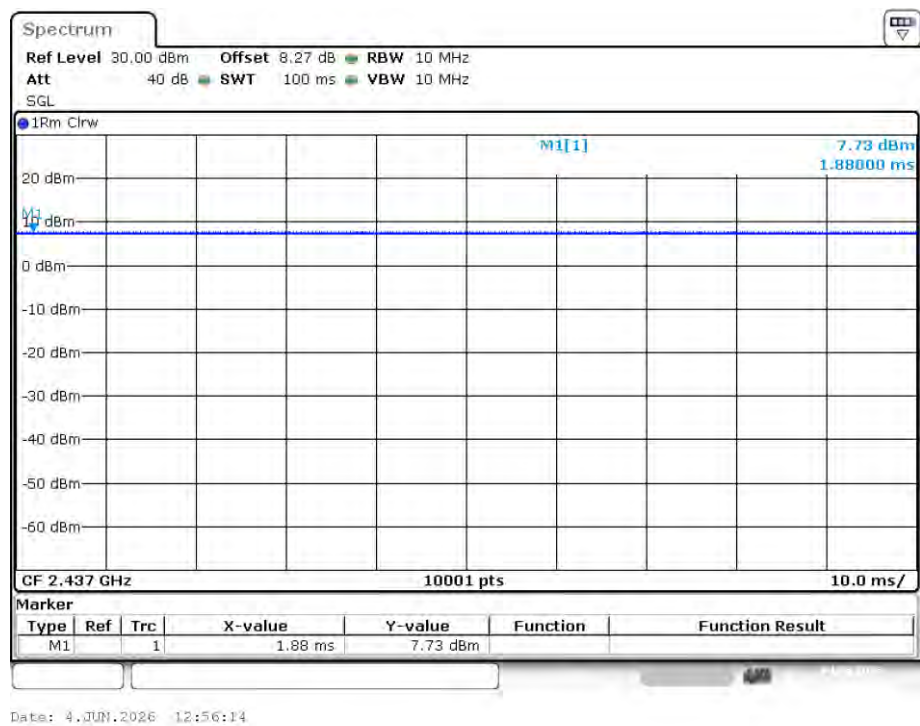
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant1	100	0
NVNT	b	2437	Ant1	100	0
NVNT	b	2462	Ant1	100	0
NVNT	g	2412	Ant1	100	0
NVNT	g	2437	Ant1	100	0
NVNT	g	2462	Ant1	100	0
NVNT	n20	2412	Ant1	100	0
NVNT	n20	2437	Ant1	100	0
NVNT	n20	2462	Ant1	100	0
NVNT	n40	2422	Ant1	100	0
NVNT	n40	2437	Ant1	100	0
NVNT	n40	2452	Ant1	100	0

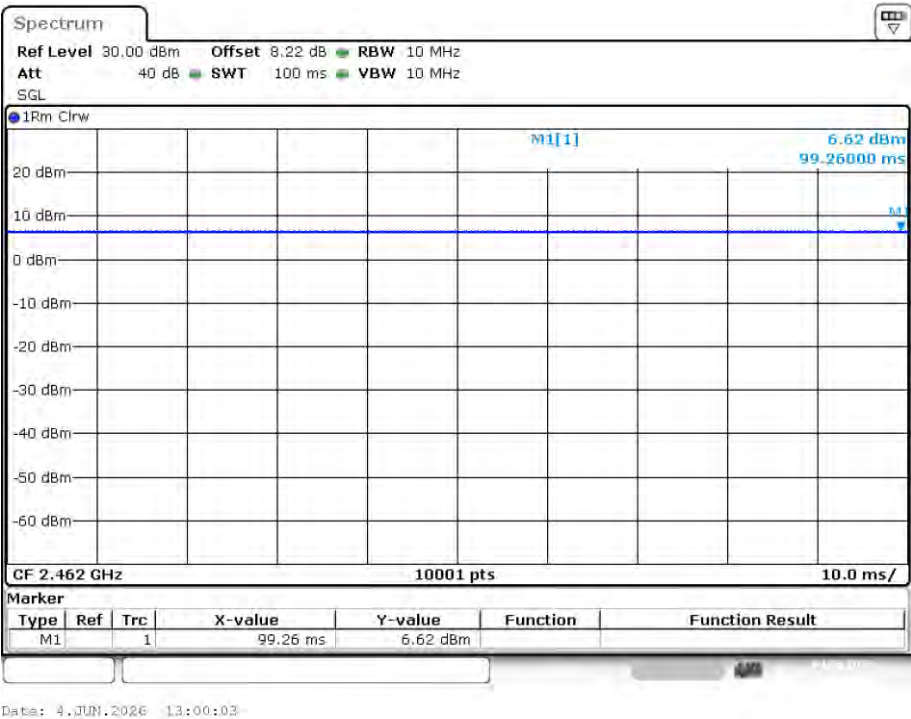
Duty Cycle NVNT b 2412MHz Ant1



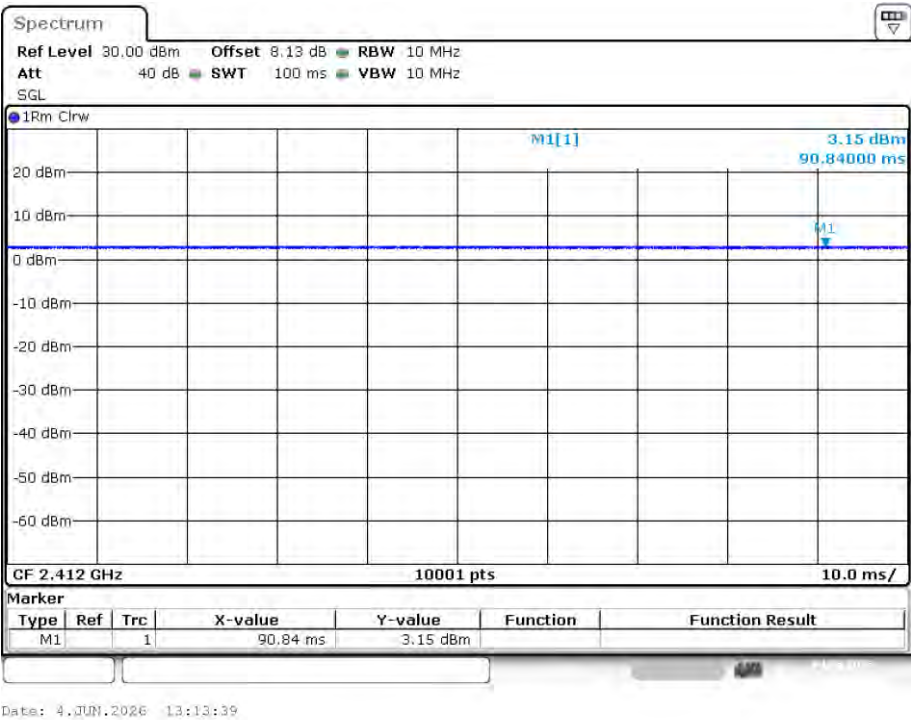
Duty Cycle NVNT b 2437MHz Ant1



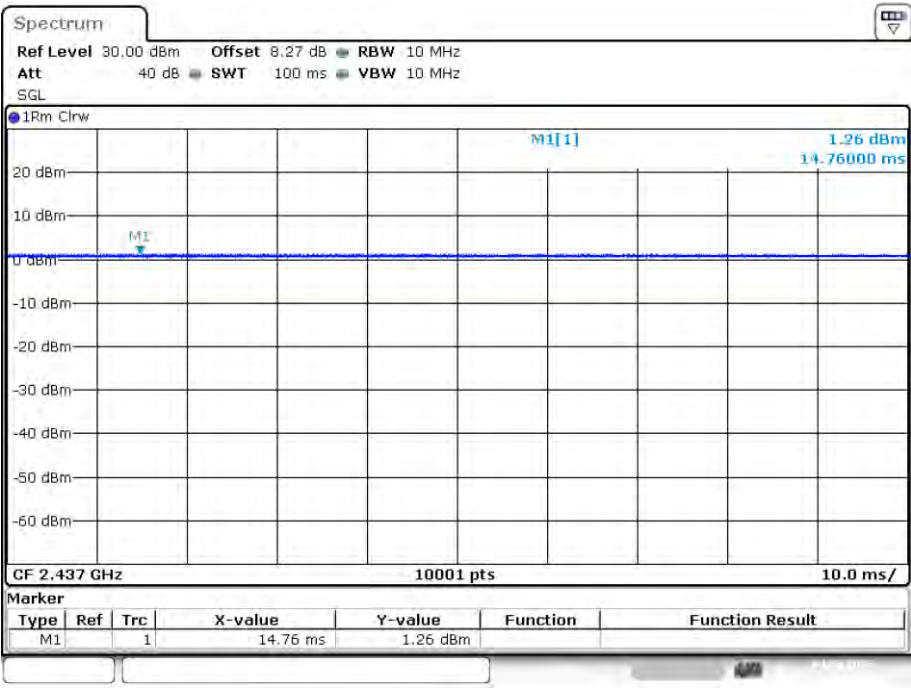
Duty Cycle NVNT b 2462MHz Ant1



Duty Cycle NVNT g 2412MHz Ant1

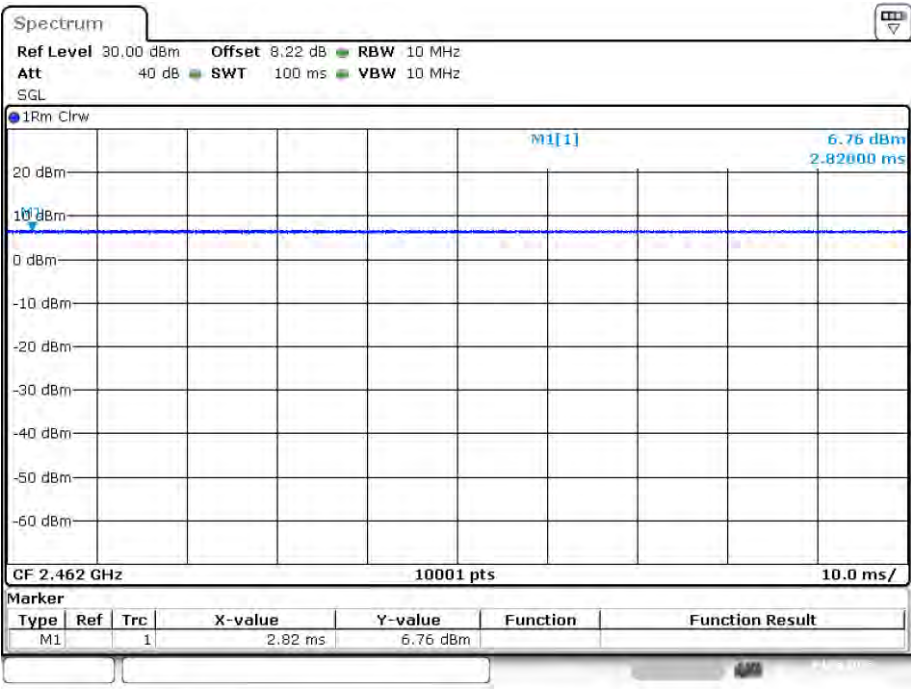


Duty Cycle NVNT g 2437MHz Ant1



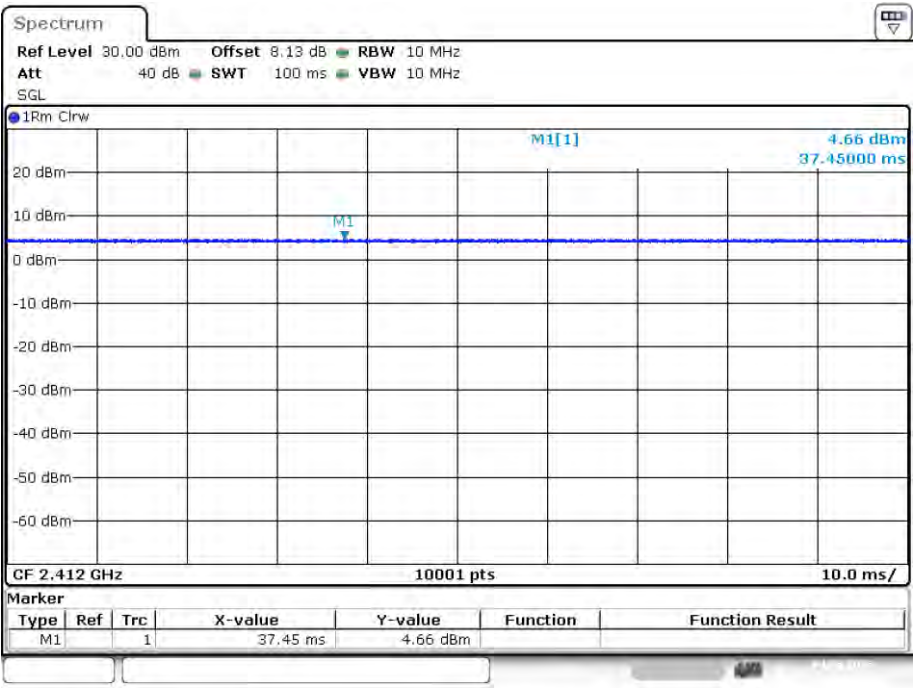
Date: 4.JUN.2026 13:19:39

Duty Cycle NVNT g 2462MHz Ant1

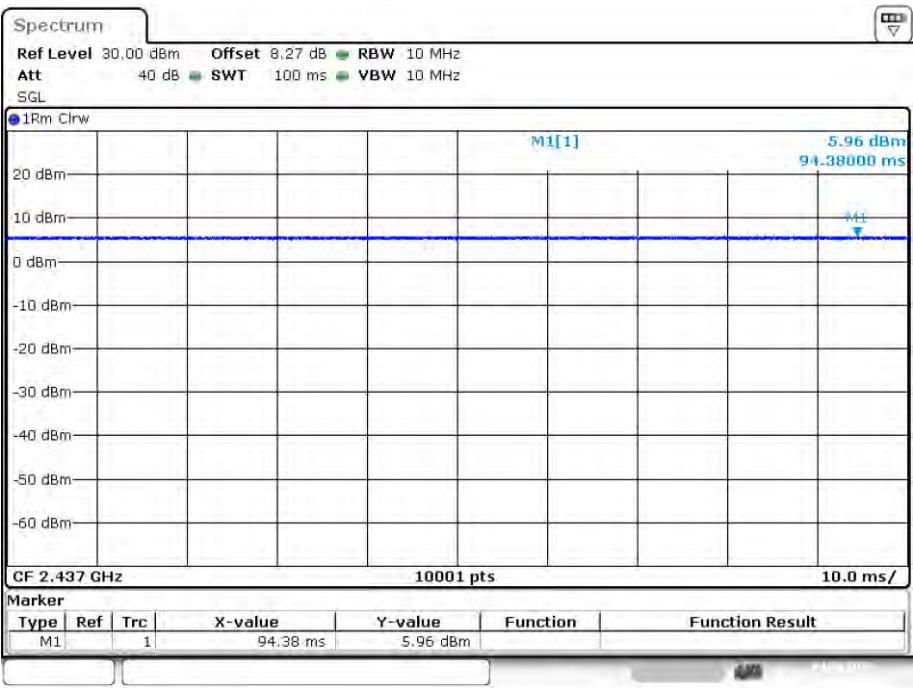


Date: 4.JUN.2026 13:26:35

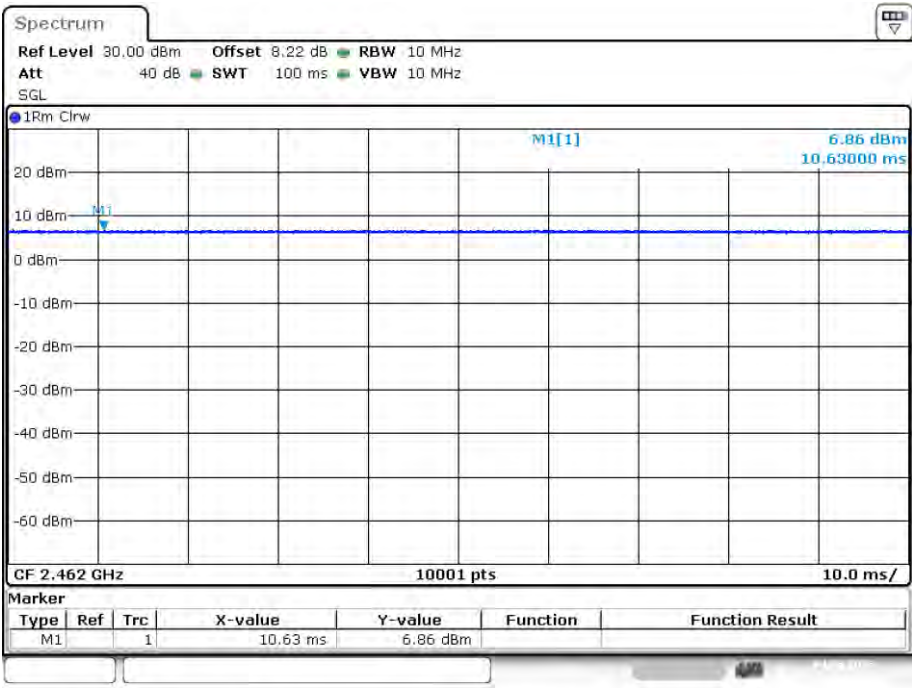
Duty Cycle NVNT n20 2412MHz Ant1



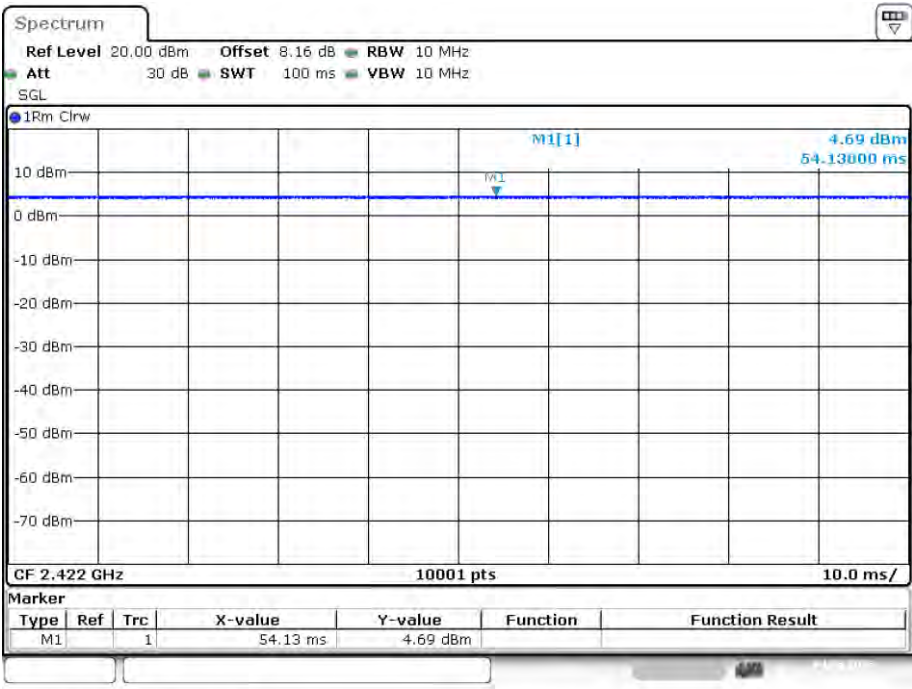
Duty Cycle NVNT n20 2437MHz Ant1



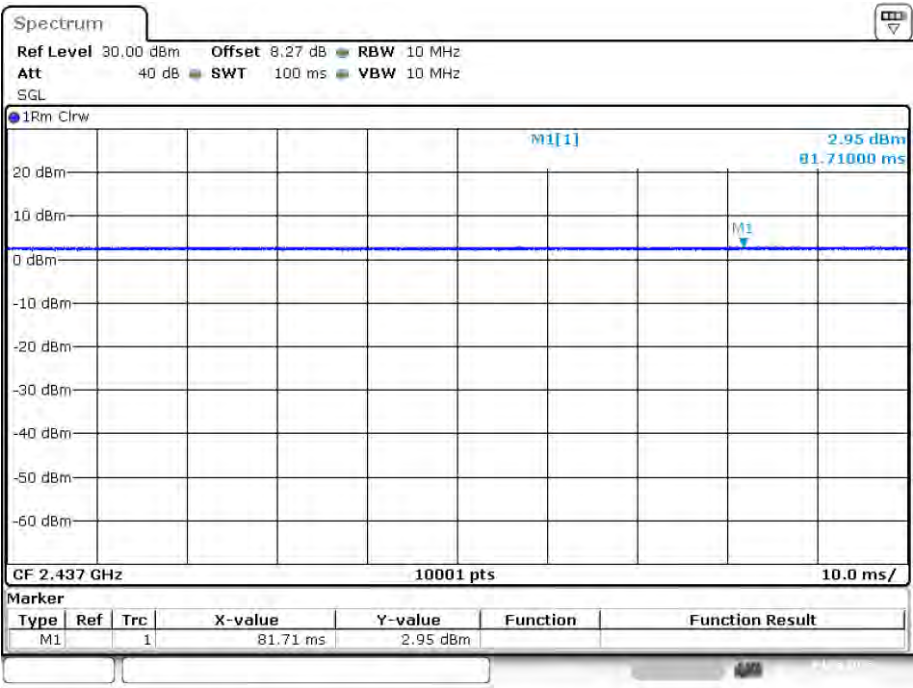
Duty Cycle NVNT n20 2462MHz Ant1



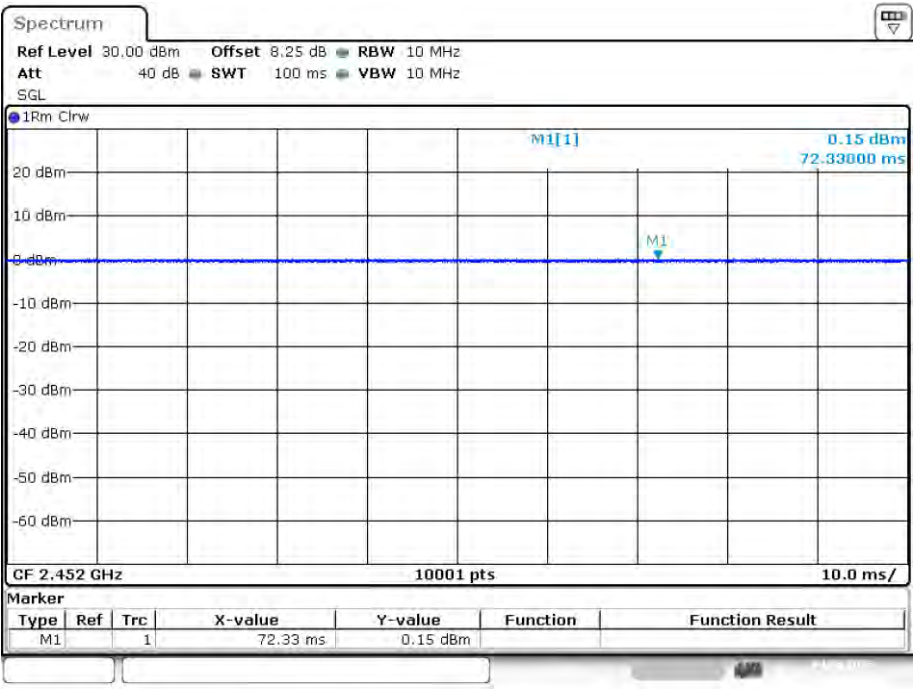
Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1



Duty Cycle NVNT n40 2452MHz Ant1



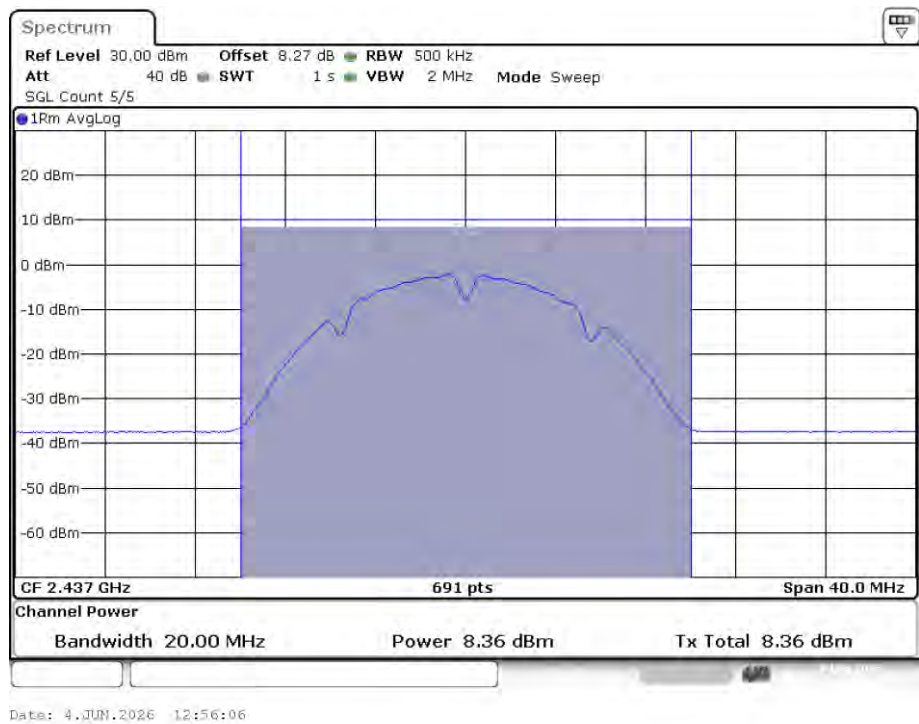
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	8.69	0	8.69	30	Pass
NVNT	b	2437	Ant1	8.37	0	8.37	30	Pass
NVNT	b	2462	Ant1	8.46	0	8.46	30	Pass
NVNT	g	2412	Ant1	8.71	0	8.71	30	Pass
NVNT	g	2437	Ant1	8.56	0	8.56	30	Pass
NVNT	g	2462	Ant1	8.73	0	8.73	30	Pass
NVNT	n20	2412	Ant1	8.02	0	8.02	30	Pass
NVNT	n20	2437	Ant1	8.34	0	8.34	30	Pass
NVNT	n20	2462	Ant1	8.82	0	8.82	30	Pass
NVNT	n40	2422	Ant1	8.30	0	8.30	30	Pass
NVNT	n40	2437	Ant1	8.12	0	8.12	30	Pass
NVNT	n40	2452	Ant1	8.12	0	8.12	30	Pass

Power NVNT b 2412MHz Ant1



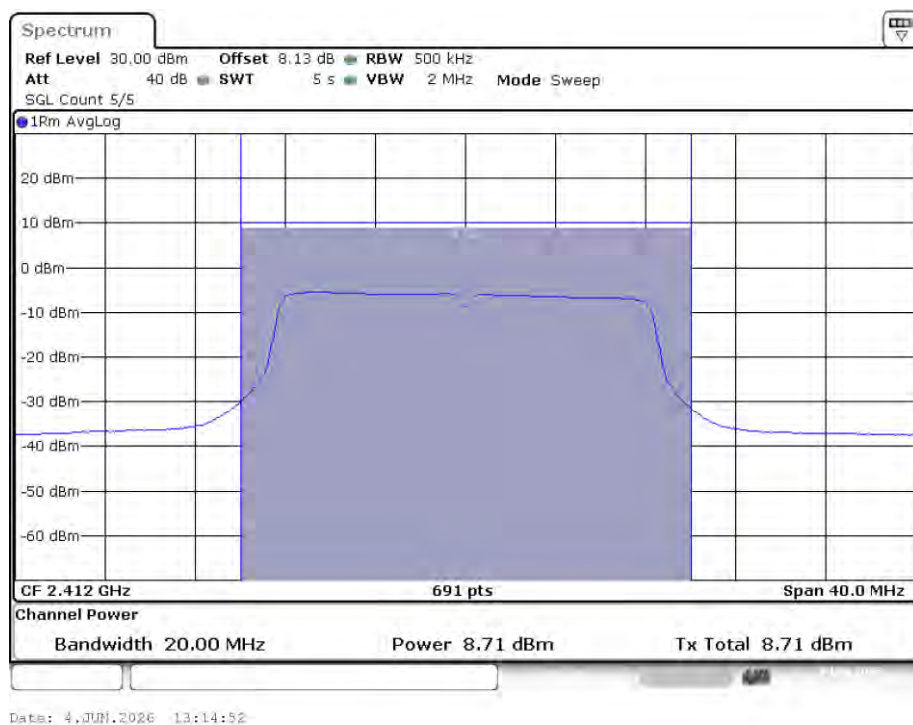
Power NVNT b 2437MHz Ant1



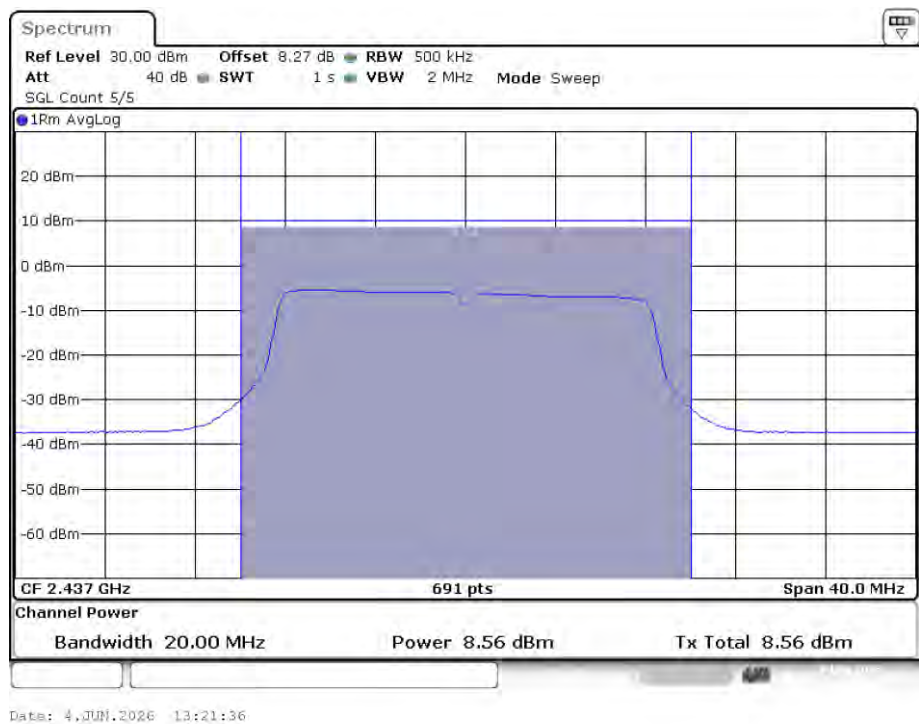
Power NVNT b 2462MHz Ant1



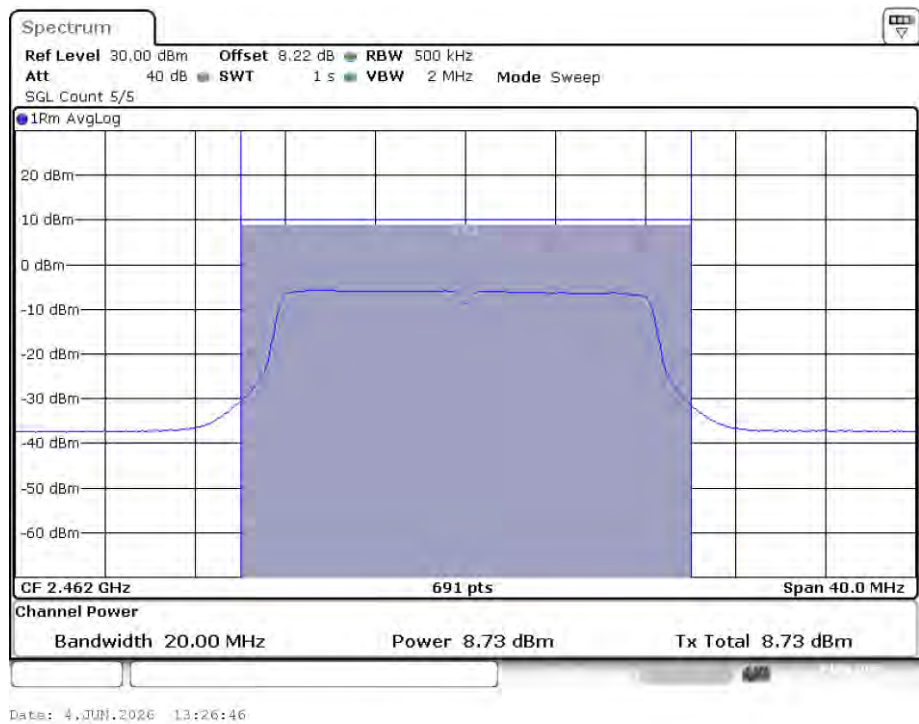
Power NVNT g 2412MHz Ant1



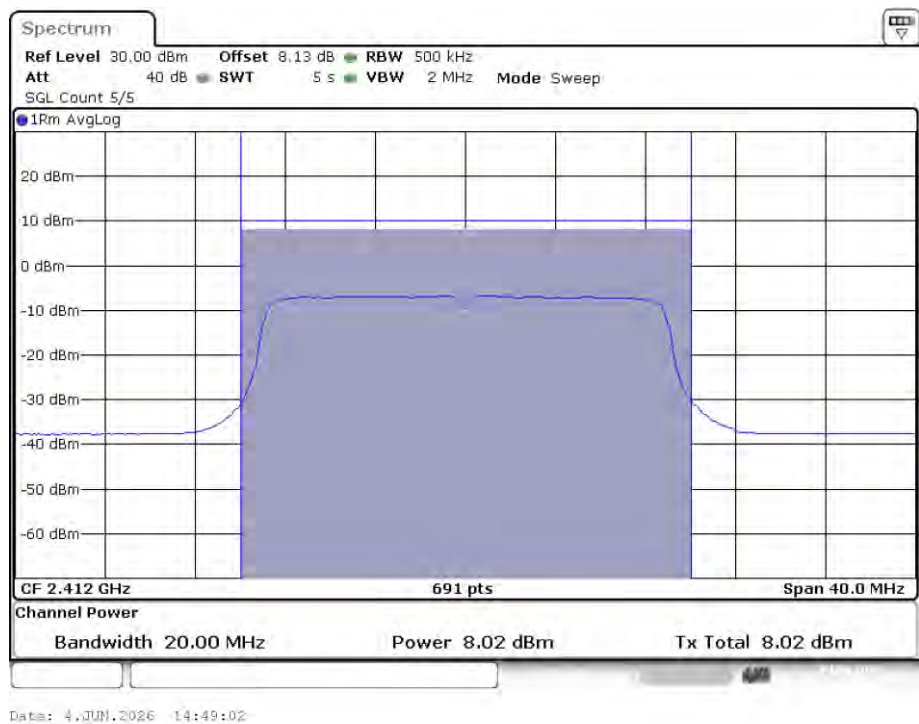
Power NVNT g 2437MHz Ant1



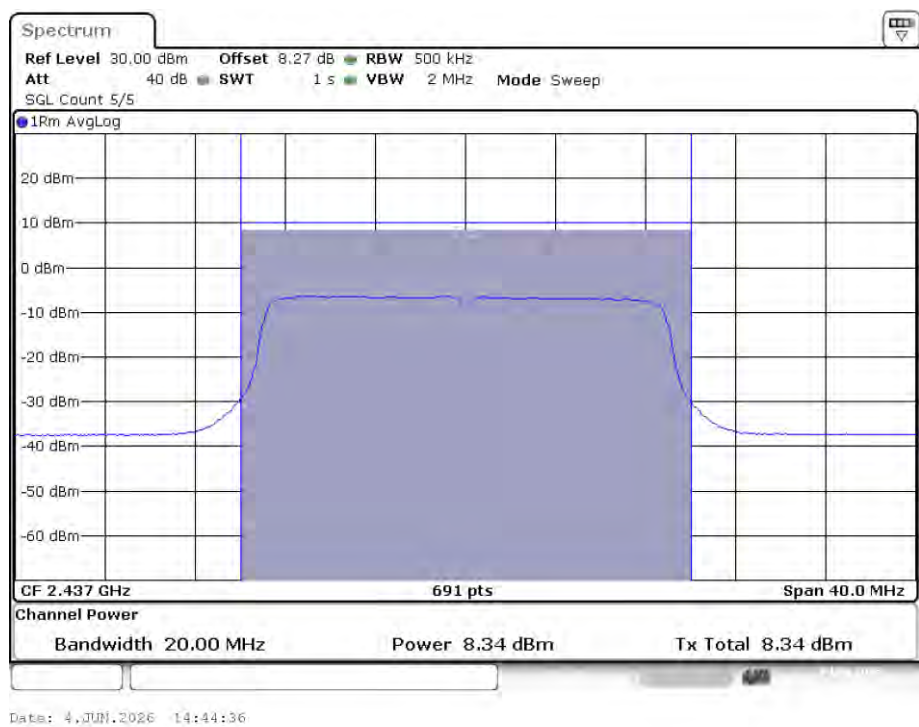
Power NVNT g 2462MHz Ant1



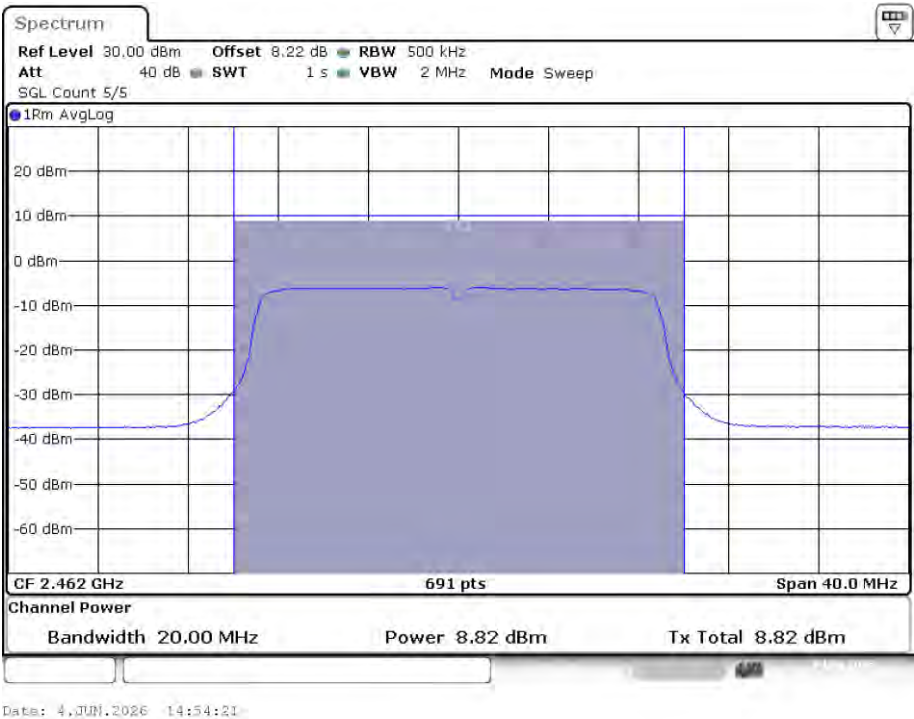
Power NVNT n20 2412MHz Ant1



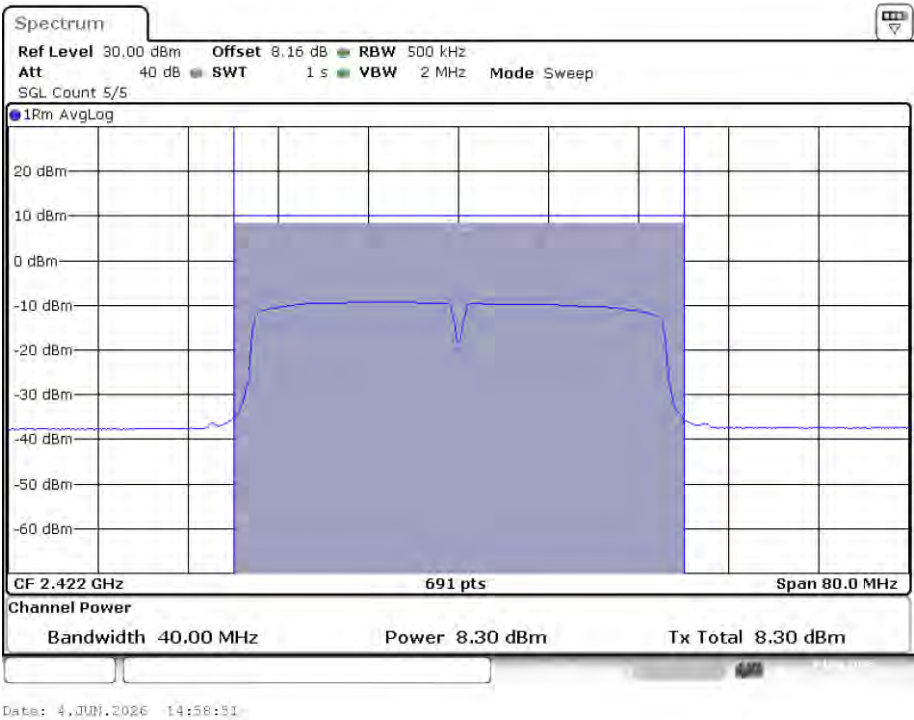
Power NVNT n20 2437MHz Ant1



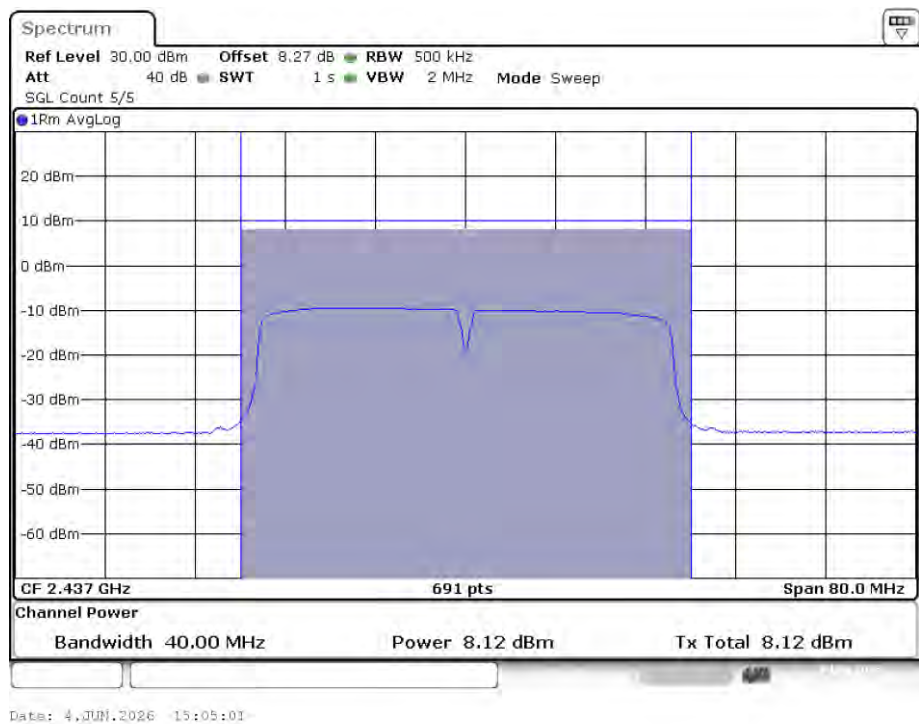
Power NVNT n20 2462MHz Ant1



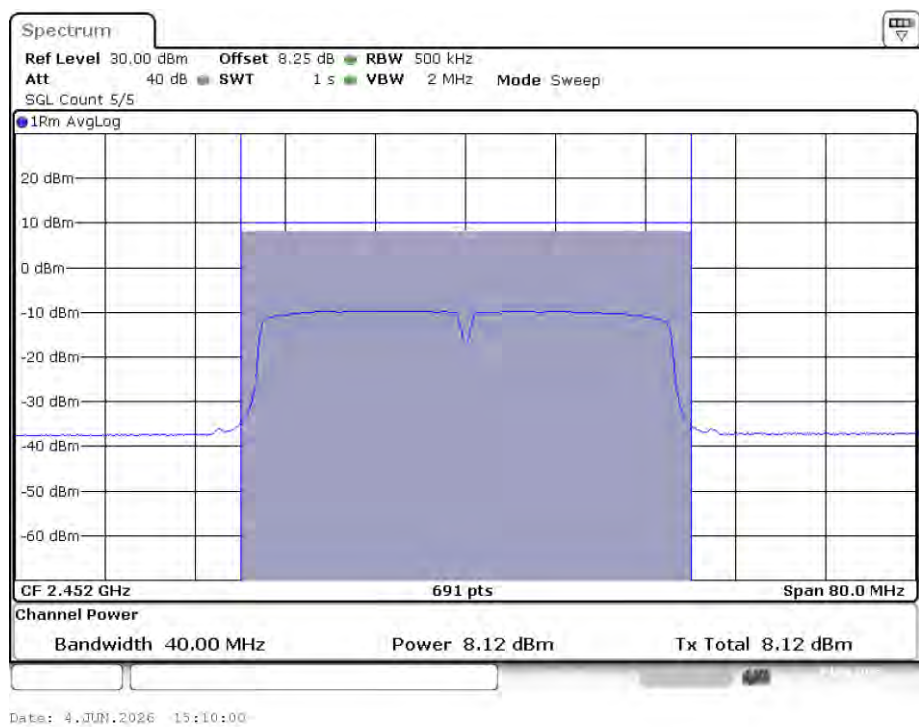
Power NVNT n40 2422MHz Ant1



Power NVNT n40 2437MHz Ant1

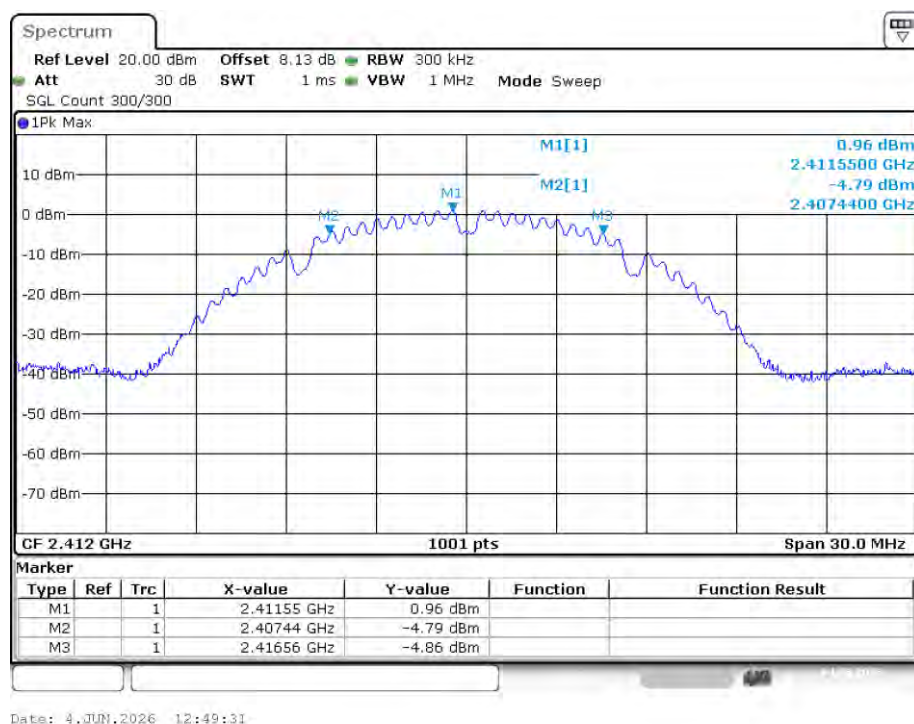


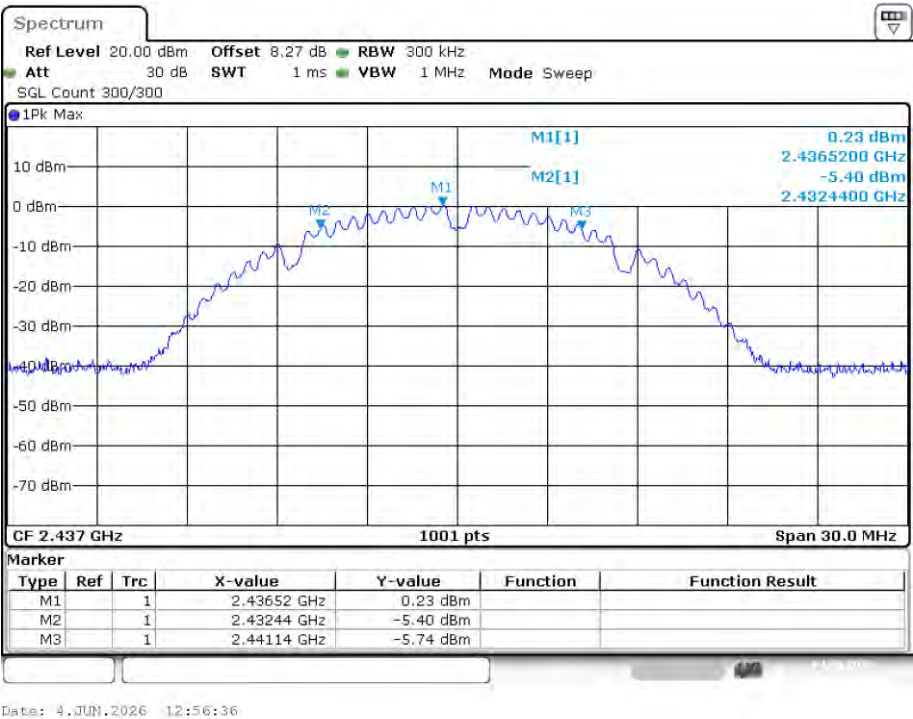
Power NVNT n40 2452MHz Ant1



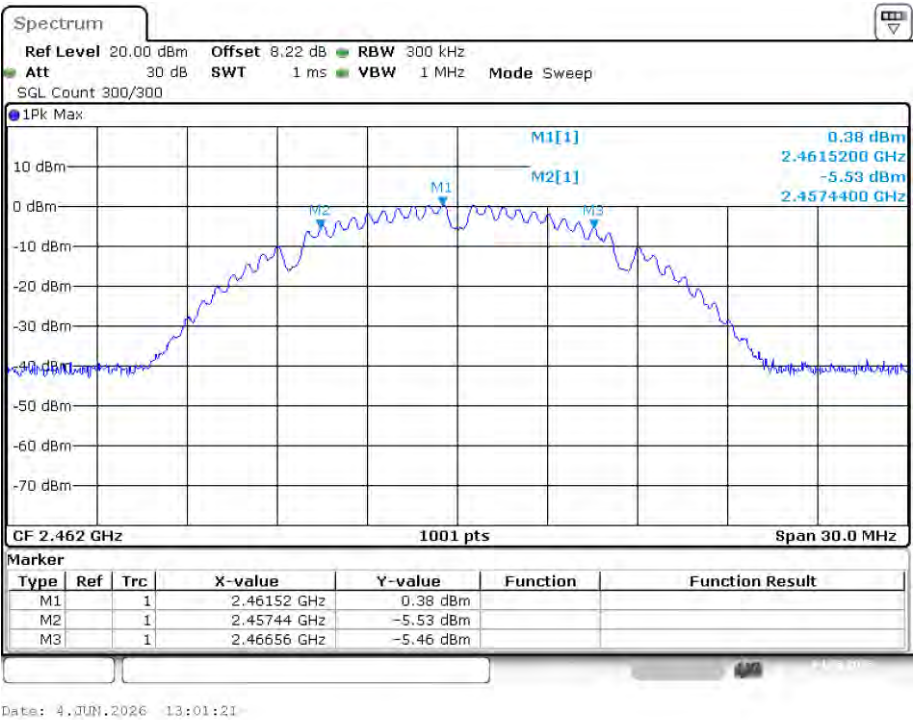
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.12	0.5	Pass
NVNT	b	2437	Ant1	8.7	0.5	Pass
NVNT	b	2462	Ant1	9.12	0.5	Pass
NVNT	g	2412	Ant1	16.53	0.5	Pass
NVNT	g	2437	Ant1	16.56	0.5	Pass
NVNT	g	2462	Ant1	16.56	0.5	Pass
NVNT	n20	2412	Ant1	17.58	0.5	Pass
NVNT	n20	2437	Ant1	17.58	0.5	Pass
NVNT	n20	2462	Ant1	17.61	0.5	Pass
NVNT	n40	2422	Ant1	36	0.5	Pass
NVNT	n40	2437	Ant1	36.12	0.5	Pass
NVNT	n40	2452	Ant1	36	0.5	Pass

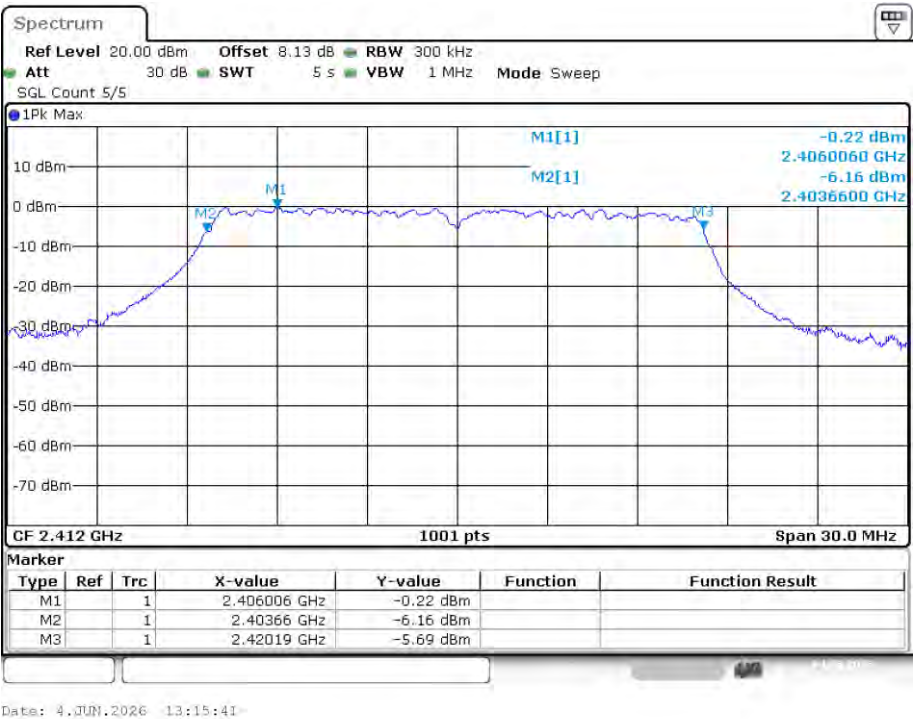
-6dB Bandwidth NVNT b 2412MHz Ant1**-6dB Bandwidth NVNT b 2437MHz Ant1**



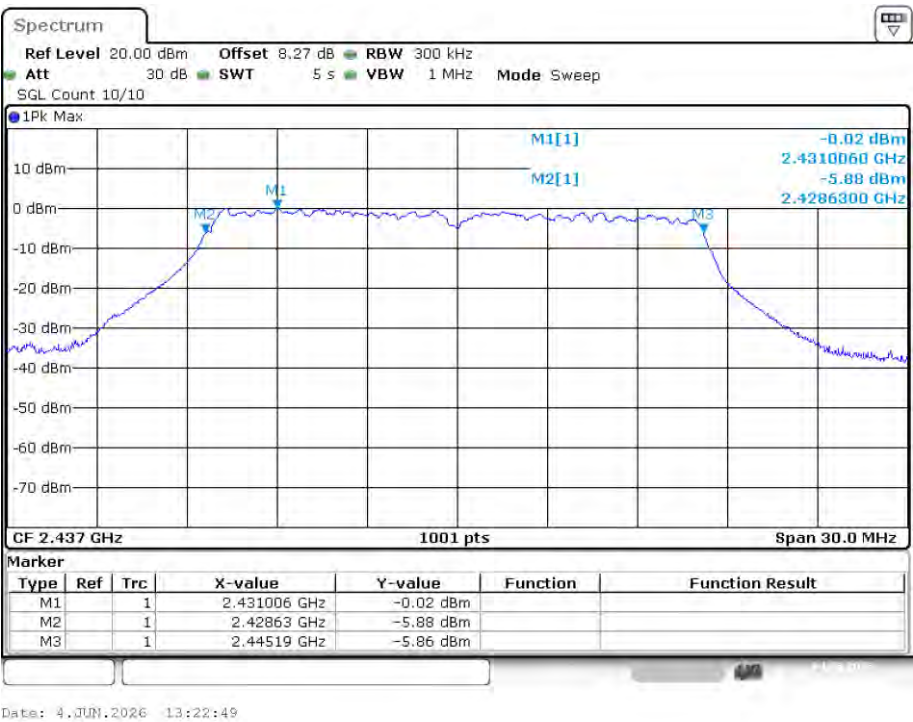
-6dB Bandwidth NVNT b 2462MHz Ant1



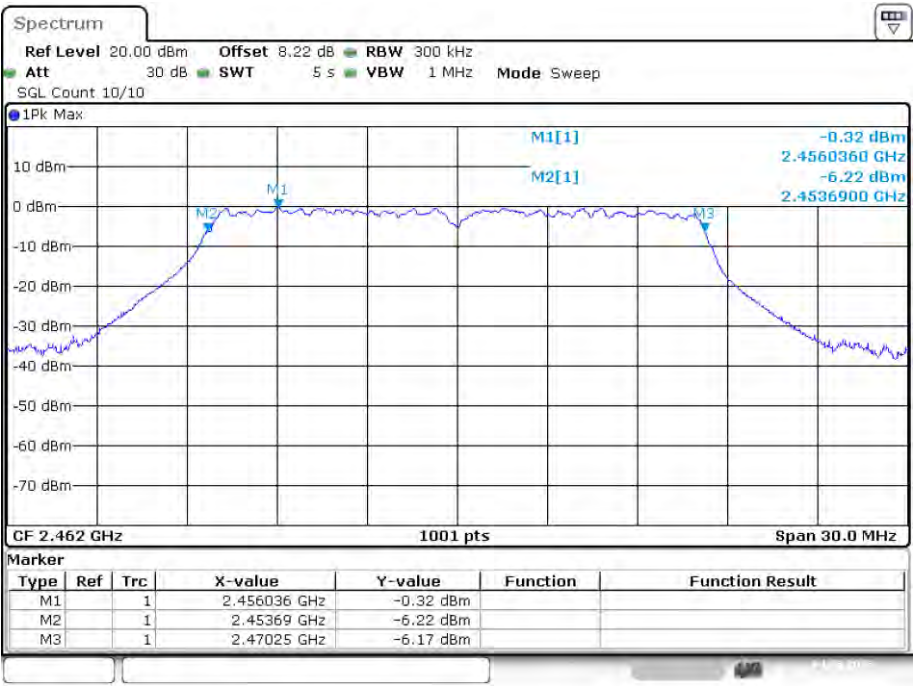
-6dB Bandwidth NVNT g 2412MHz Ant1



-6dB Bandwidth NVNT g 2437MHz Ant1

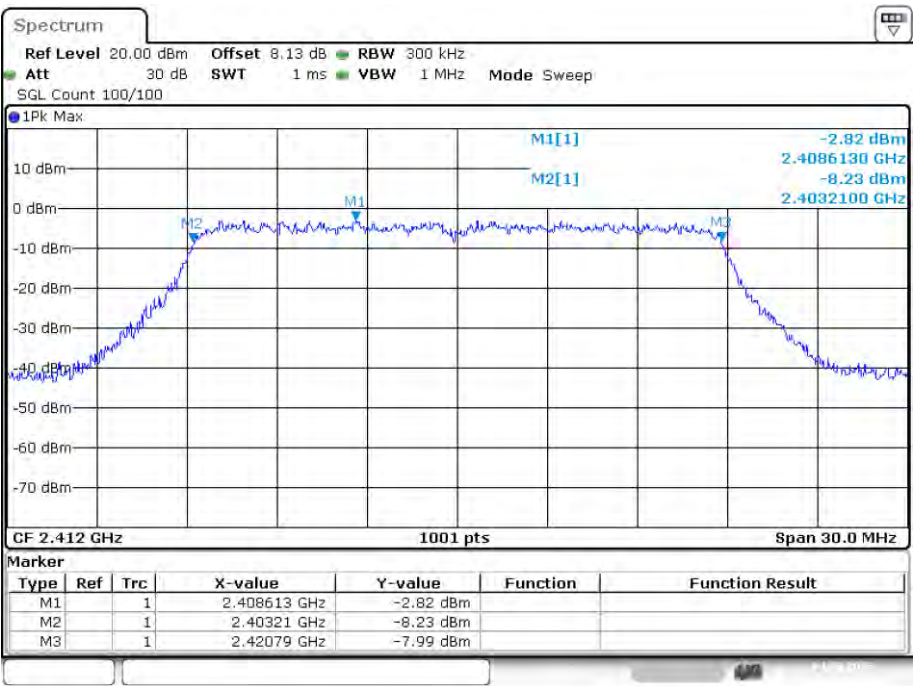


-6dB Bandwidth NVNT g 2462MHz Ant1



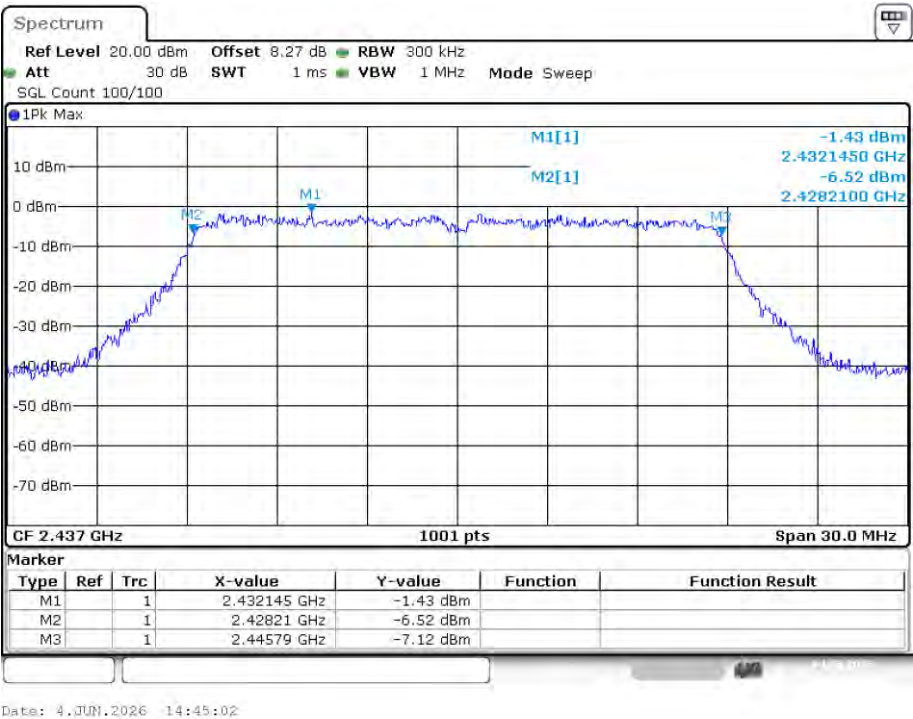
Date: 4.JUN.2026 13:27:54

-6dB Bandwidth NVNT n20 2412MHz Ant1

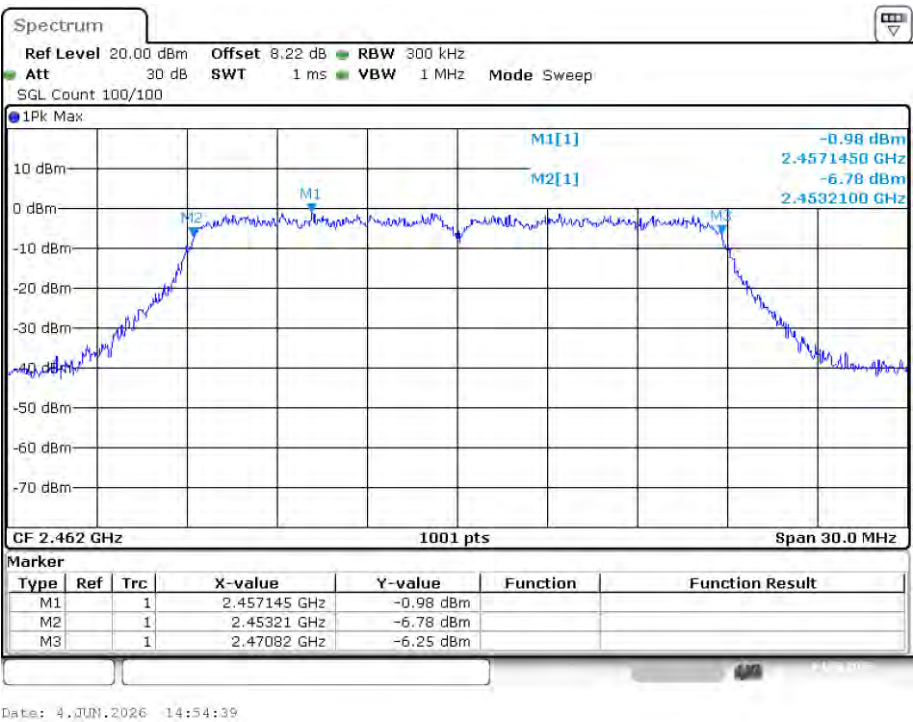


Date: 4.JUN.2026 14:49:30

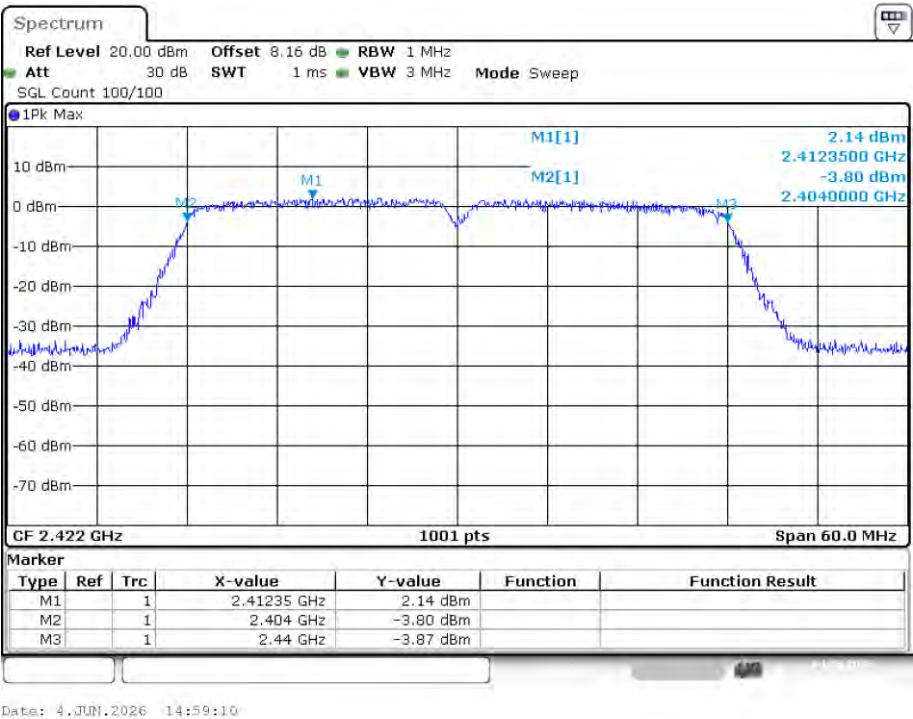
-6dB Bandwidth NVNT n20 2437MHz Ant1



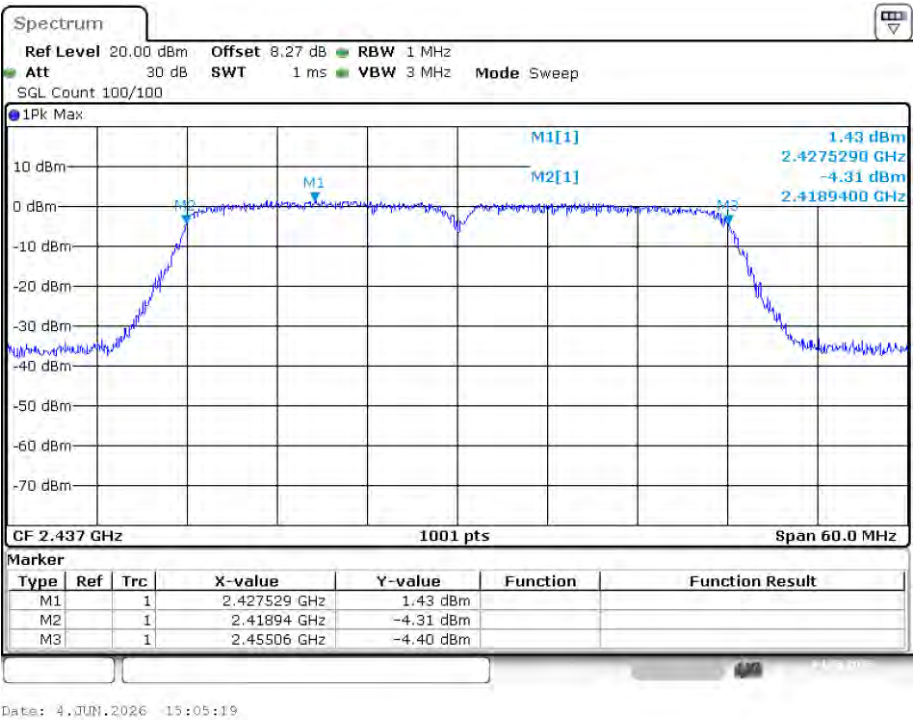
-6dB Bandwidth NVNT n20 2462MHz Ant1



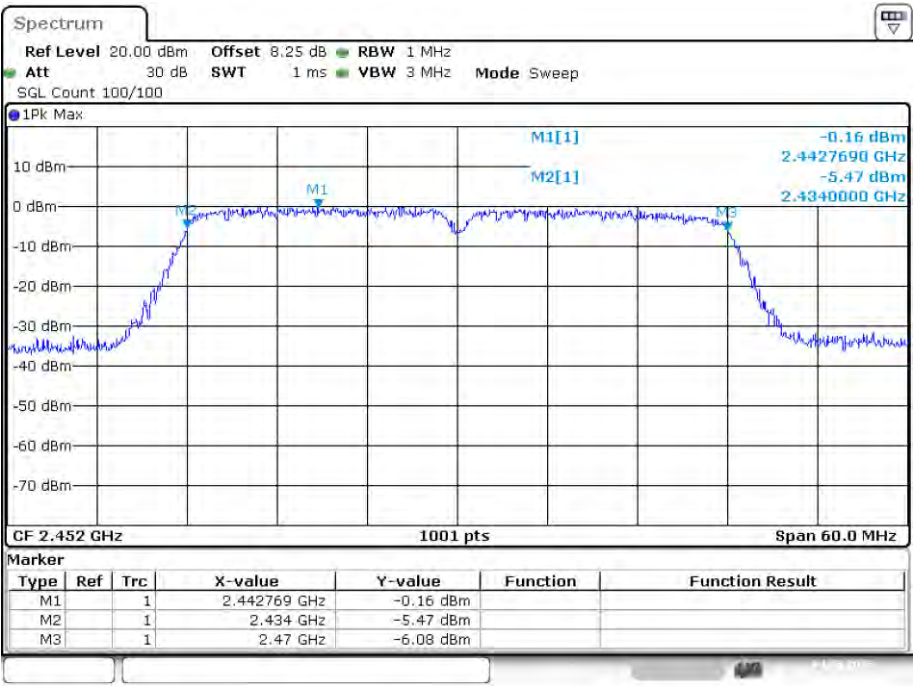
-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1

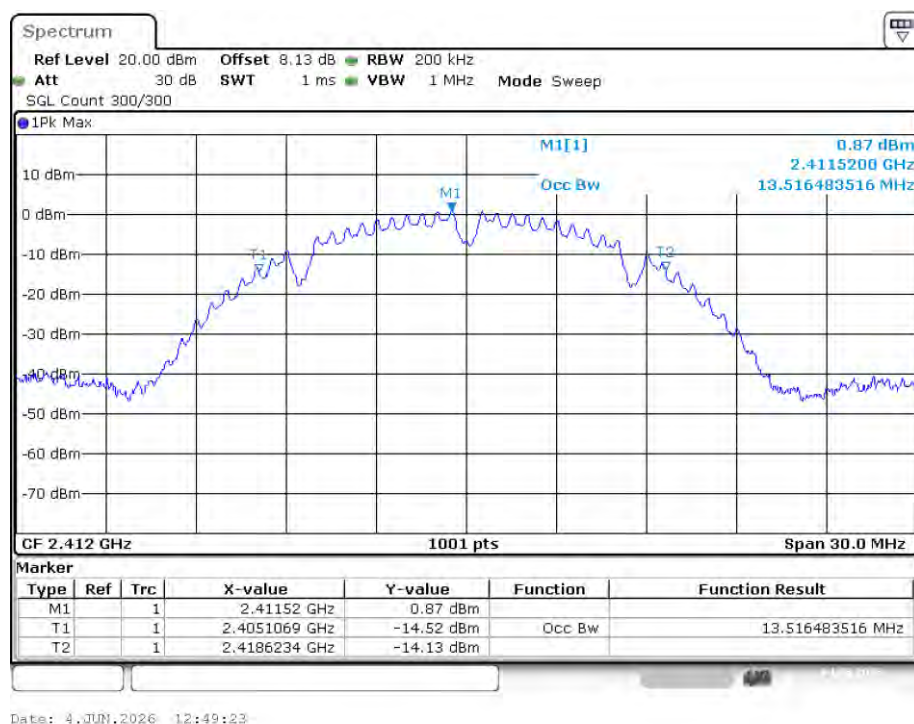


Date: 4 JUN 2026 15:10:19

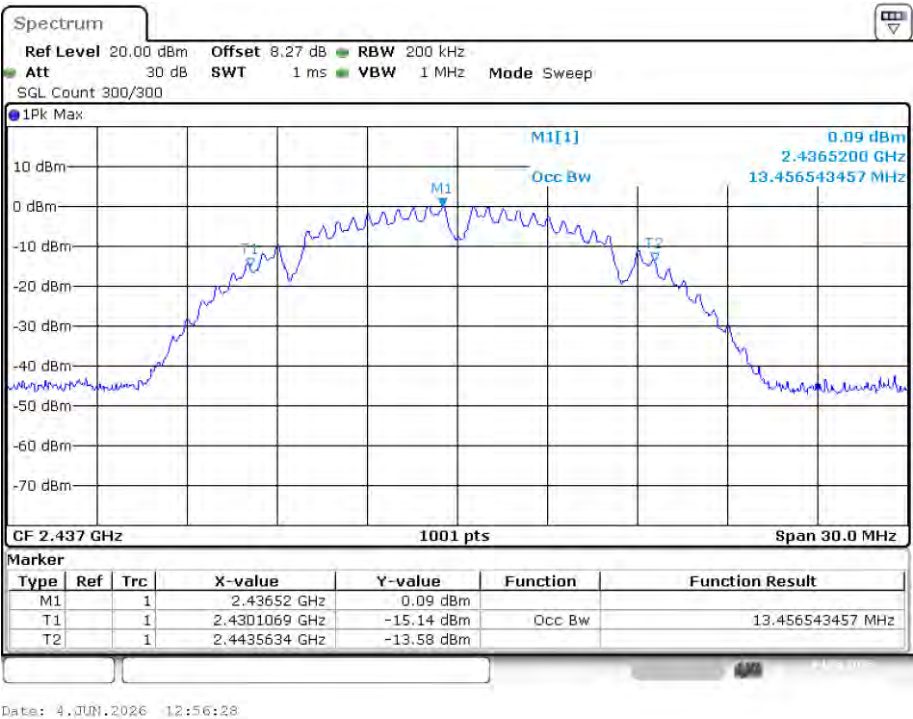
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.516
NVNT	b	2437	Ant1	13.457
NVNT	b	2462	Ant1	13.337
NVNT	g	2412	Ant1	16.543
NVNT	g	2437	Ant1	16.573
NVNT	g	2462	Ant1	16.543
NVNT	n20	2412	Ant1	17.652
NVNT	n20	2437	Ant1	17.712
NVNT	n20	2462	Ant1	17.652
NVNT	n40	2422	Ant1	35.964
NVNT	n40	2437	Ant1	36.024
NVNT	n40	2452	Ant1	36.144

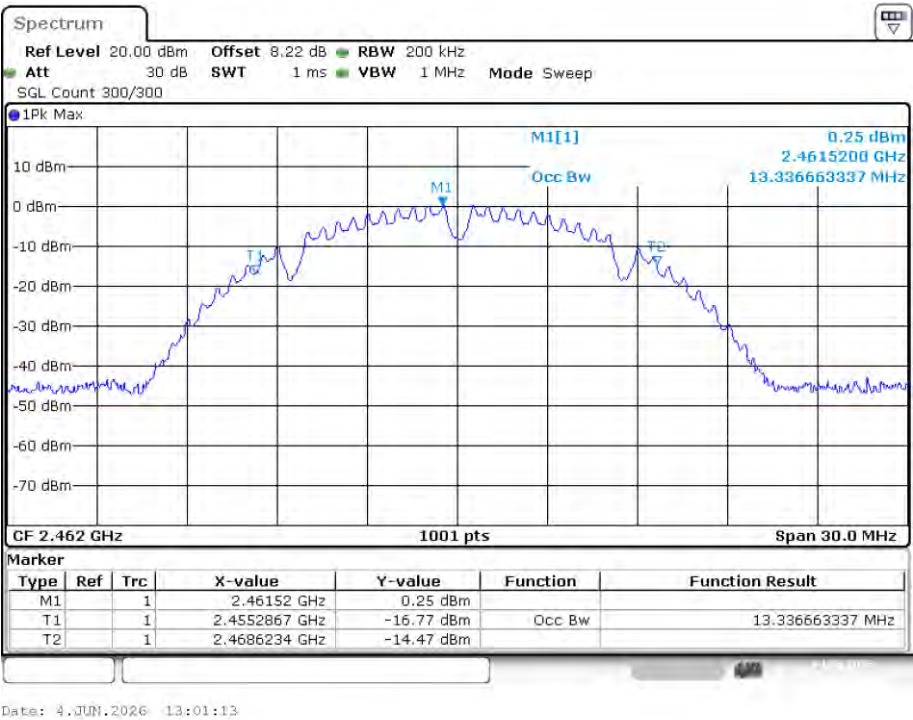
OBW NVNT b 2412MHz Ant1



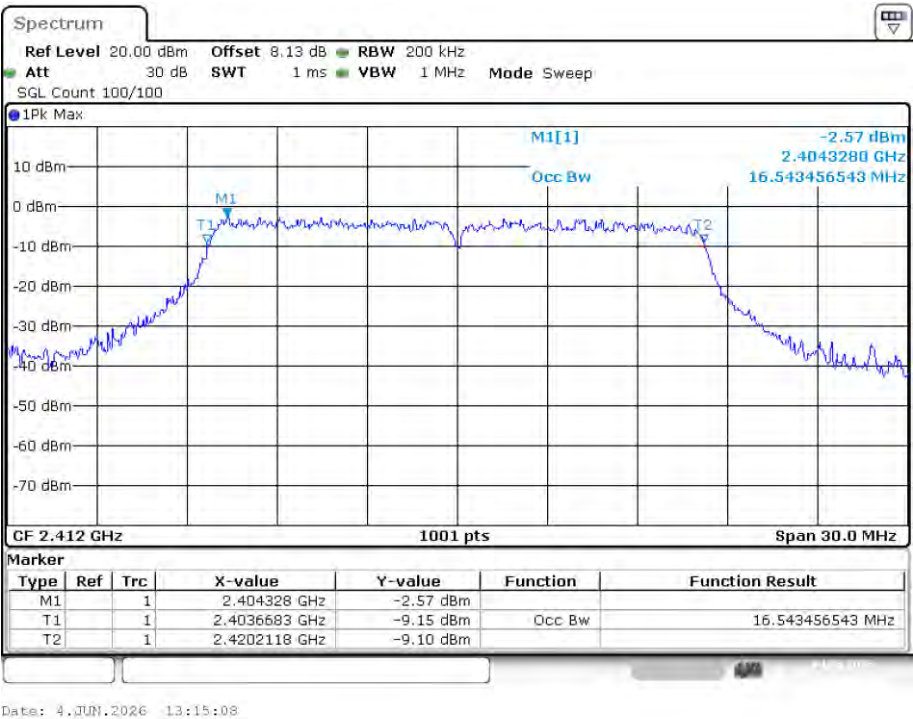
OBW NVNT b 2437MHz Ant1



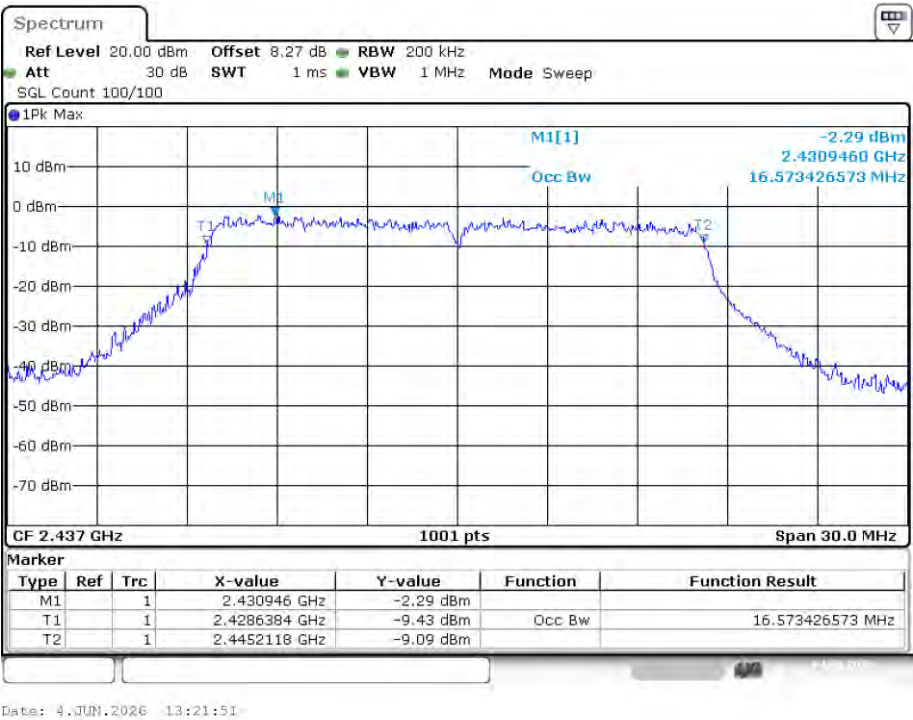
OBW NVNT b 2462MHz Ant1



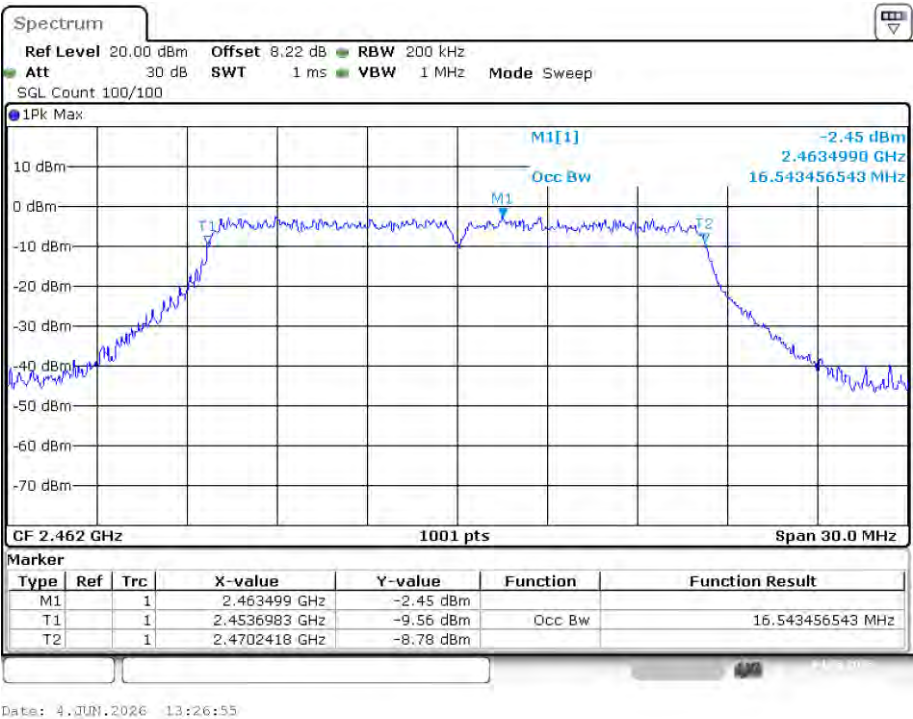
OBW NVNT g 2412MHz Ant1



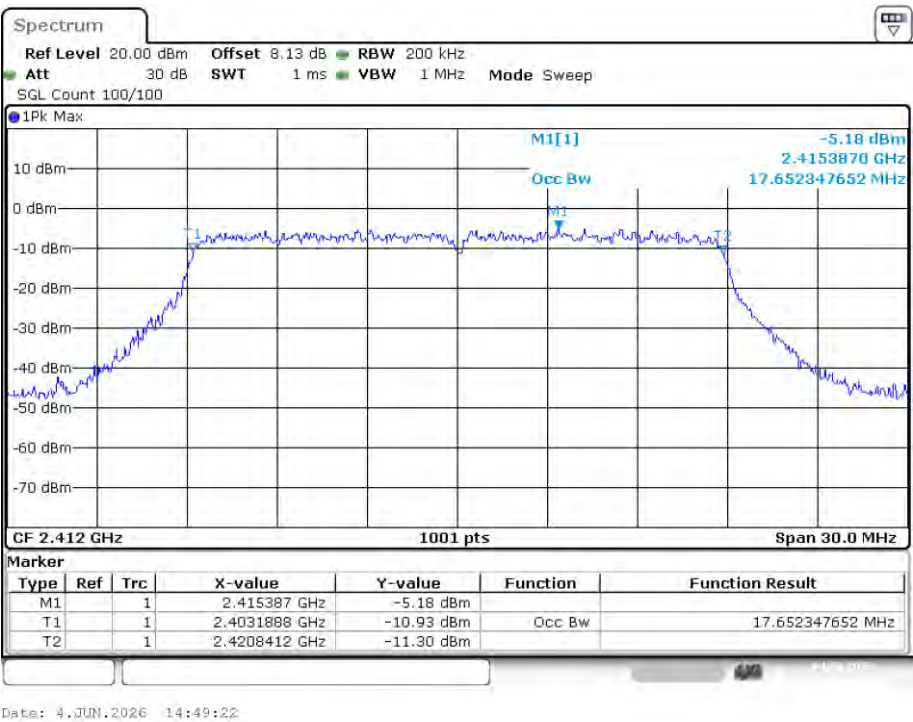
OBW NVNT g 2437MHz Ant1



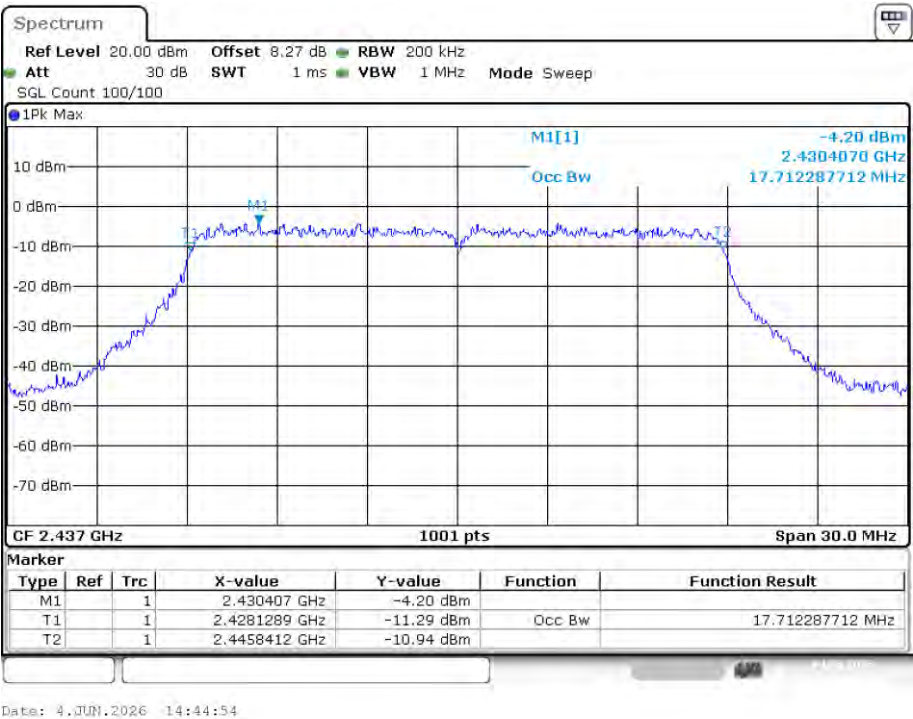
OBW NVNT g 2462MHz Ant1



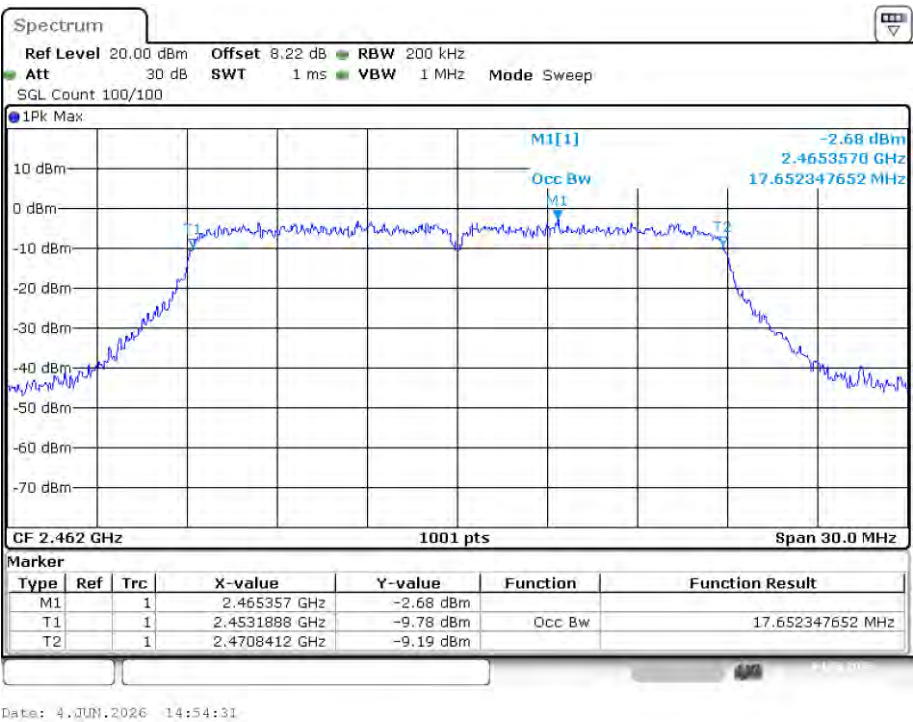
OBW NVNT n20 2412MHz Ant1



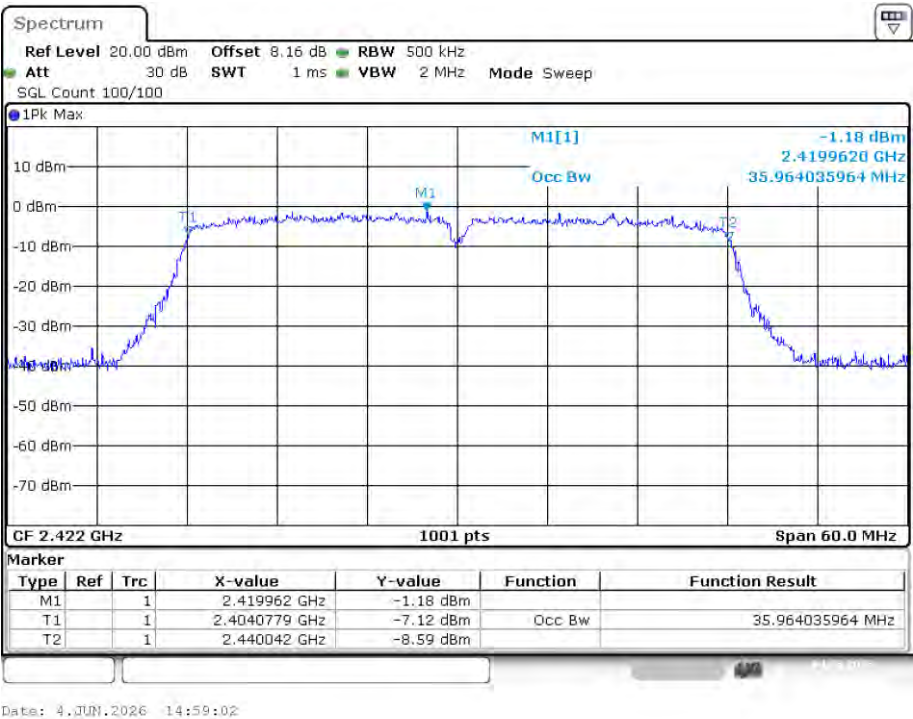
OBW NVNT n20 2437MHz Ant1



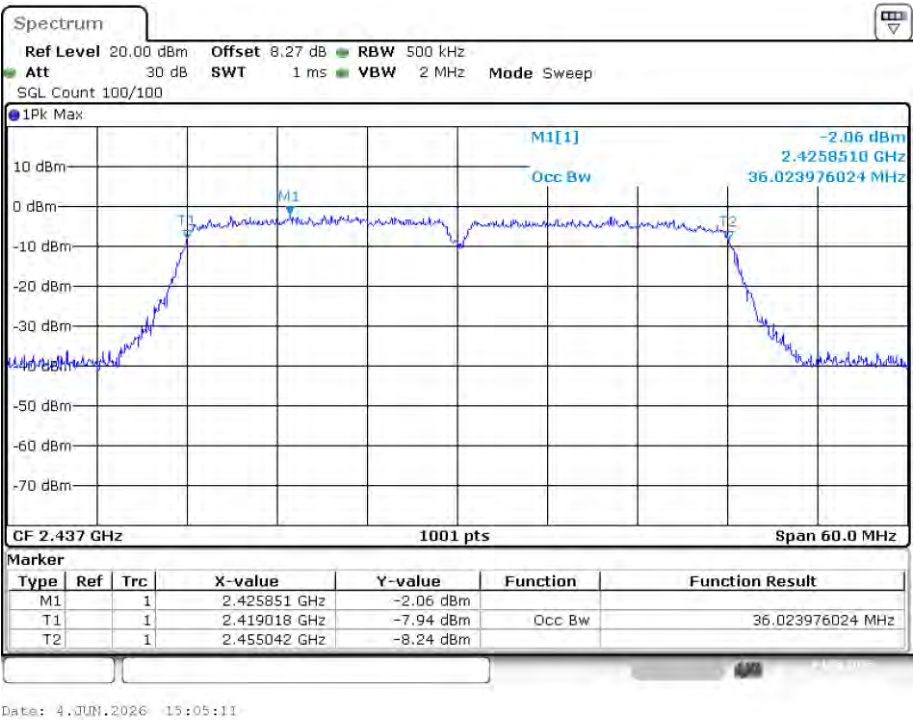
OBW NVNT n20 2462MHz Ant1



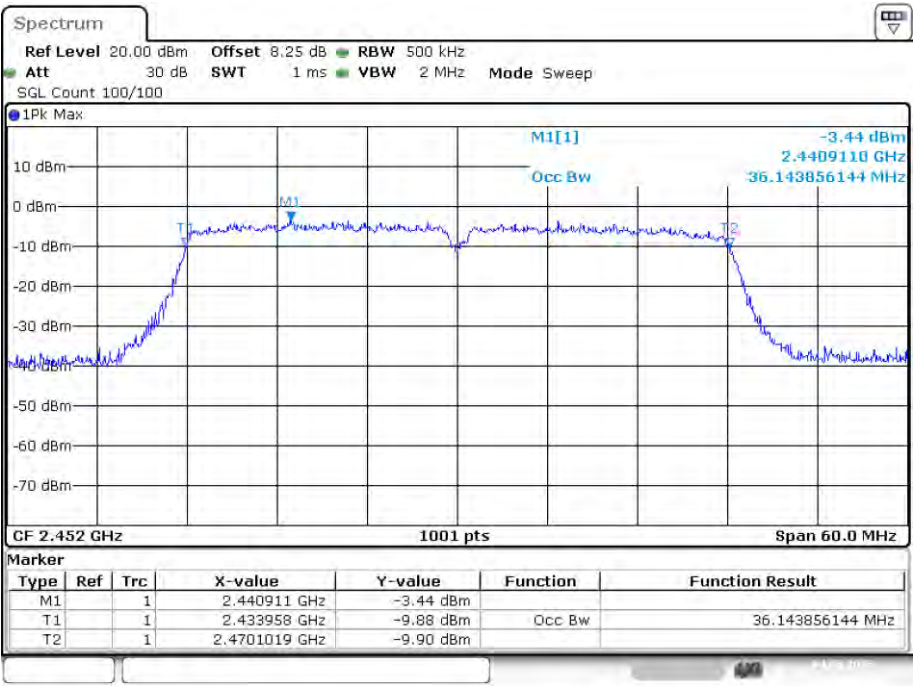
OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2437MHz Ant1



OBW NVNT n40 2452MHz Ant1

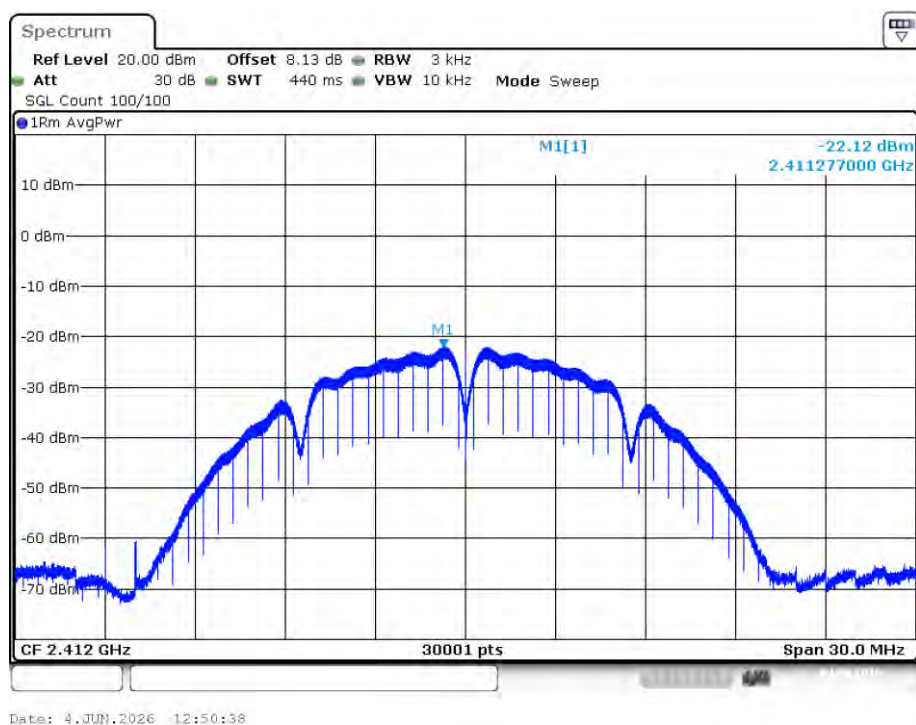


Date: 4.JUN.2026 15:10:11

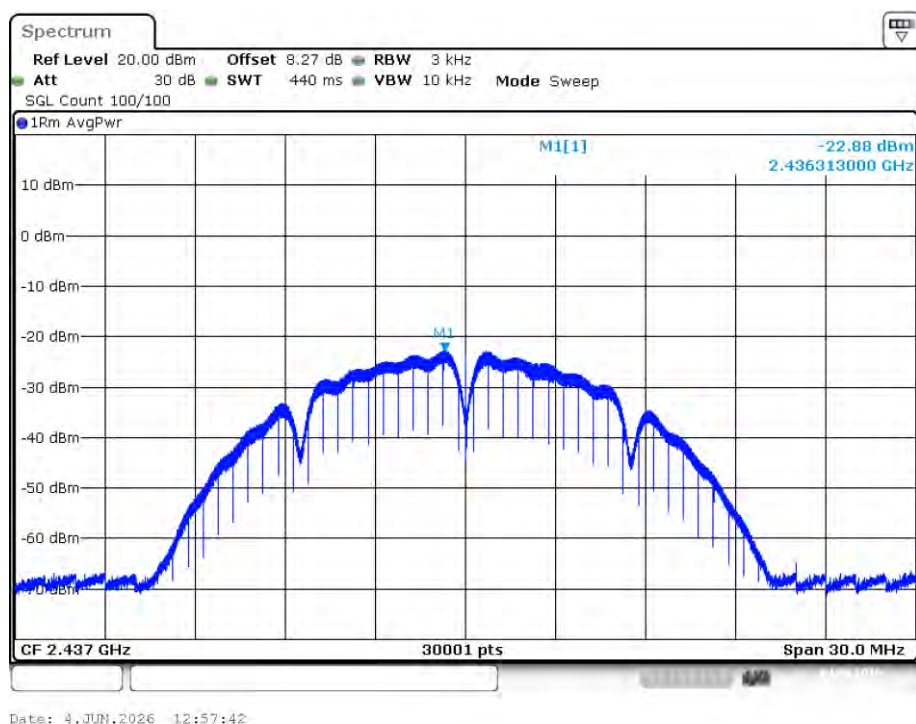
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conduct PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-22.121	0	-22.121	8	Pass
NVNT	b	2437	Ant1	-22.876	0	-22.876	8	Pass
NVNT	b	2462	Ant1	-22.976	0	-22.976	8	Pass
NVNT	g	2412	Ant1	-22.322	0	-22.322	8	Pass
NVNT	g	2437	Ant1	-20.039	0	-20.039	8	Pass
NVNT	g	2462	Ant1	-22.072	0	-22.072	8	Pass
NVNT	n20	2412	Ant1	-21.322	0	-21.322	8	Pass
NVNT	n20	2437	Ant1	-22.187	0	-22.187	8	Pass
NVNT	n20	2462	Ant1	-22.776	0	-22.776	8	Pass
NVNT	n40	2422	Ant1	-21.559	0	-21.559	8	Pass
NVNT	n40	2437	Ant1	-22.603	0	-22.603	8	Pass
NVNT	n40	2452	Ant1	-20.738	0	-20.738	8	Pass

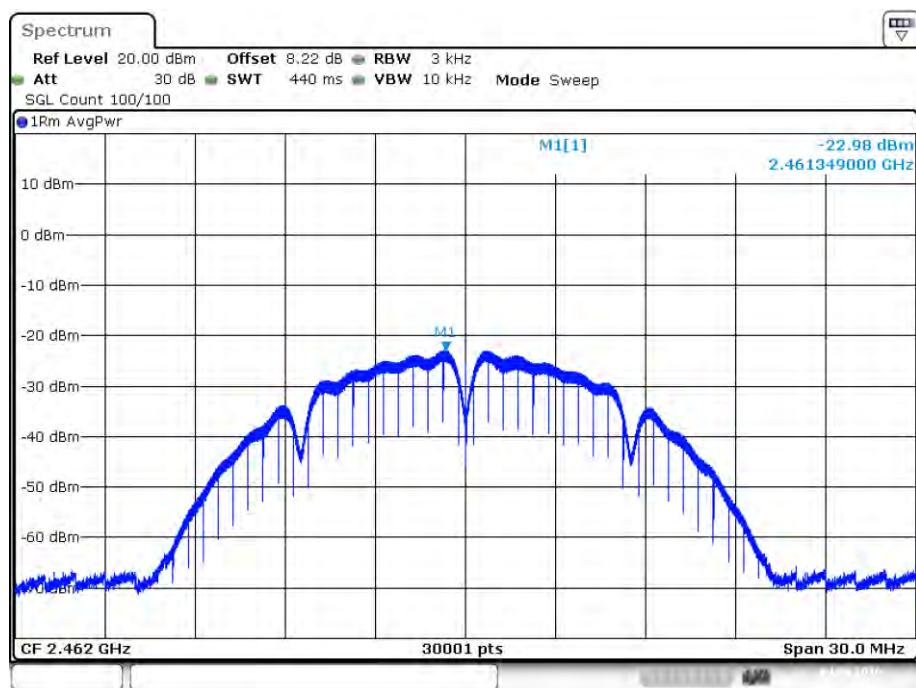
PSD NVNT b 2412MHz Ant1



PSD NVNT b 2437MHz Ant1

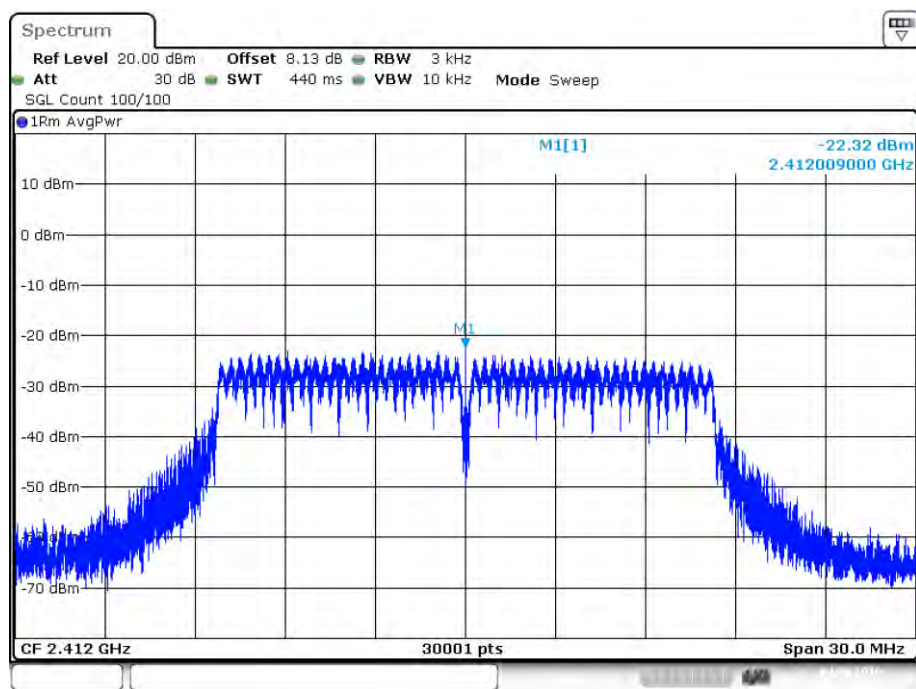


PSD NVNT b 2462MHz Ant1



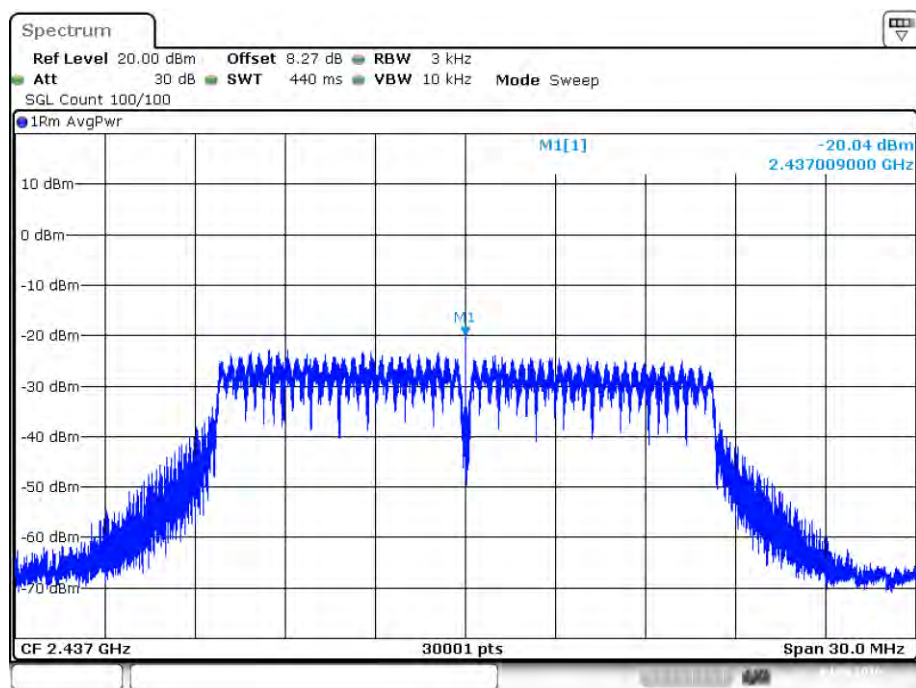
Date: 4.JUN.2026 13:02:28

PSD NVNT g 2412MHz Ant1



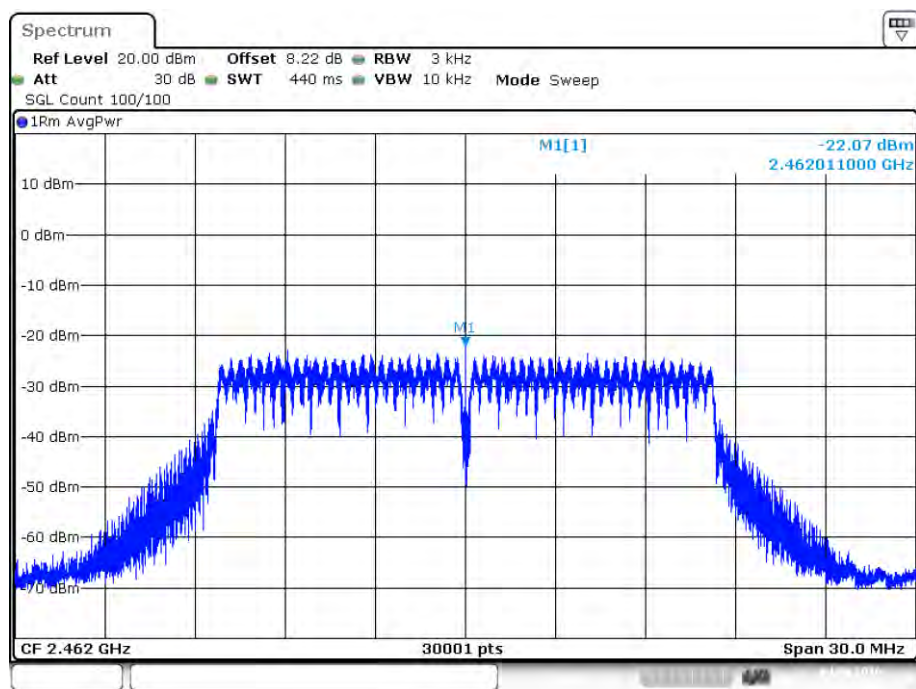
Date: 4.JUN.2026 13:16:47

PSD NVNT g 2437MHz Ant1



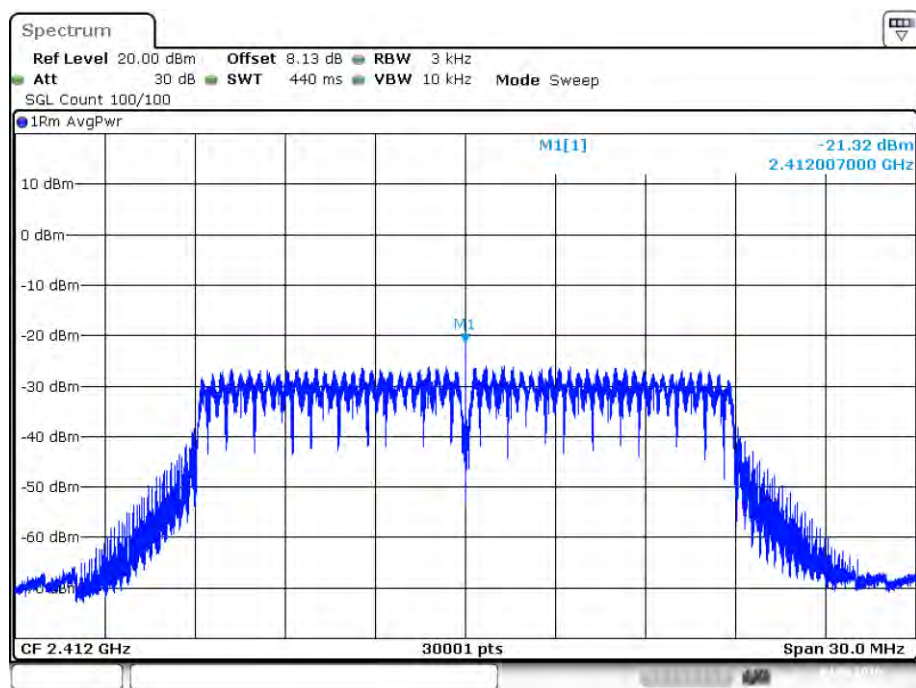
Date: 4.JUN.2026 13:23:56

PSD NVNT g 2462MHz Ant1



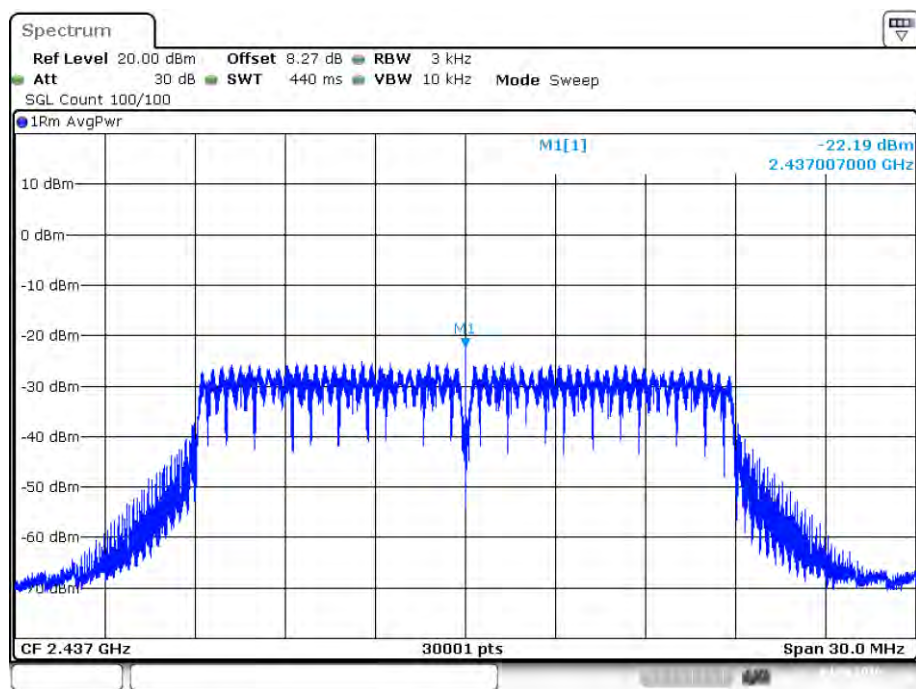
Date: 4.JUN.2026 13:29:00

PSD NVNT n20 2412MHz Ant1



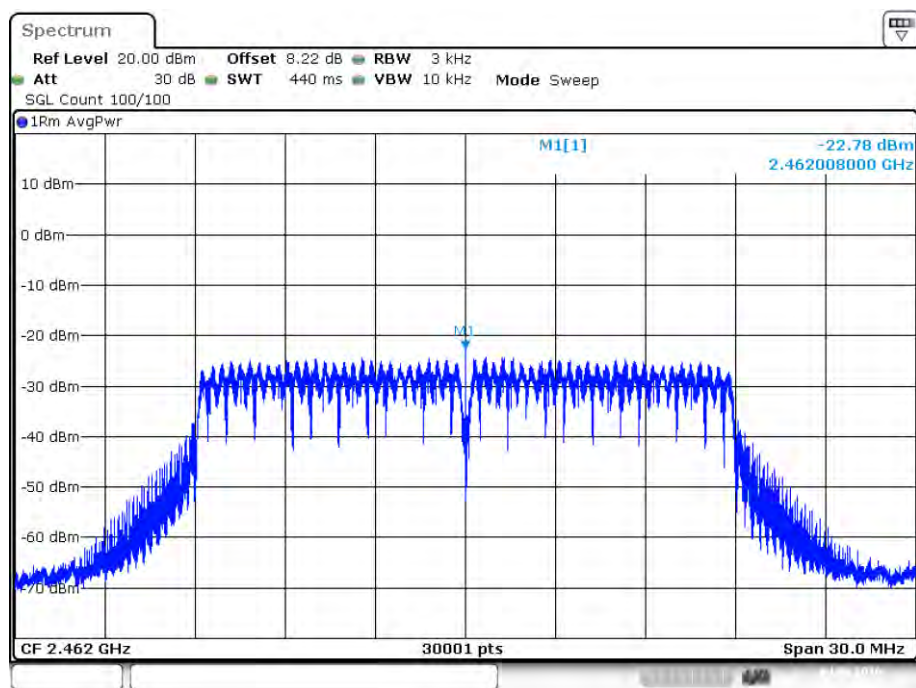
Date: 4.JUN.2026 14:50:37

PSD NVNT n20 2437MHz Ant1



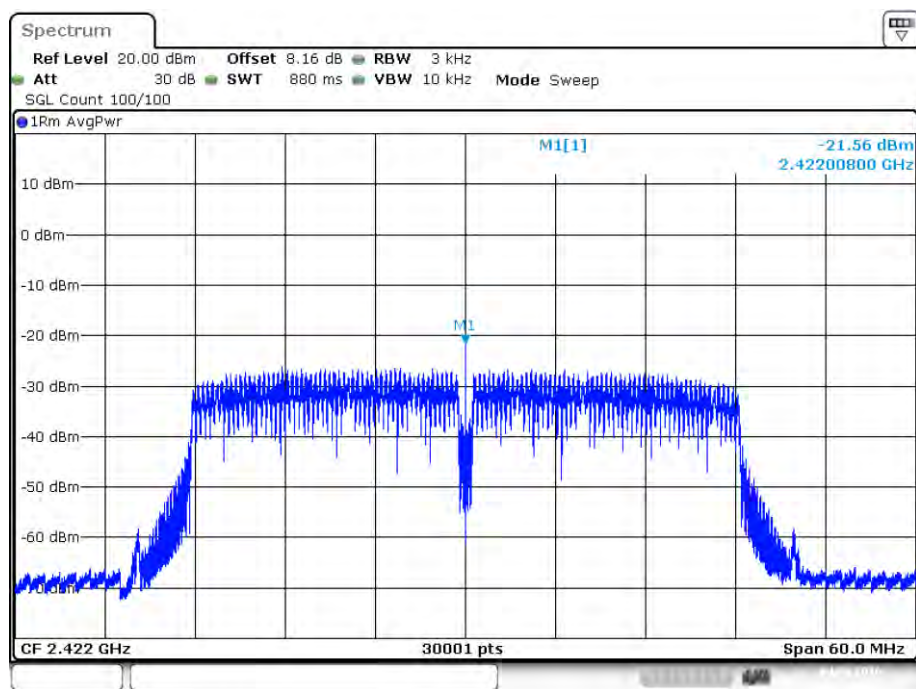
Date: 4.JUN.2026 14:46:09

PSD NVNT n20 2462MHz Ant1



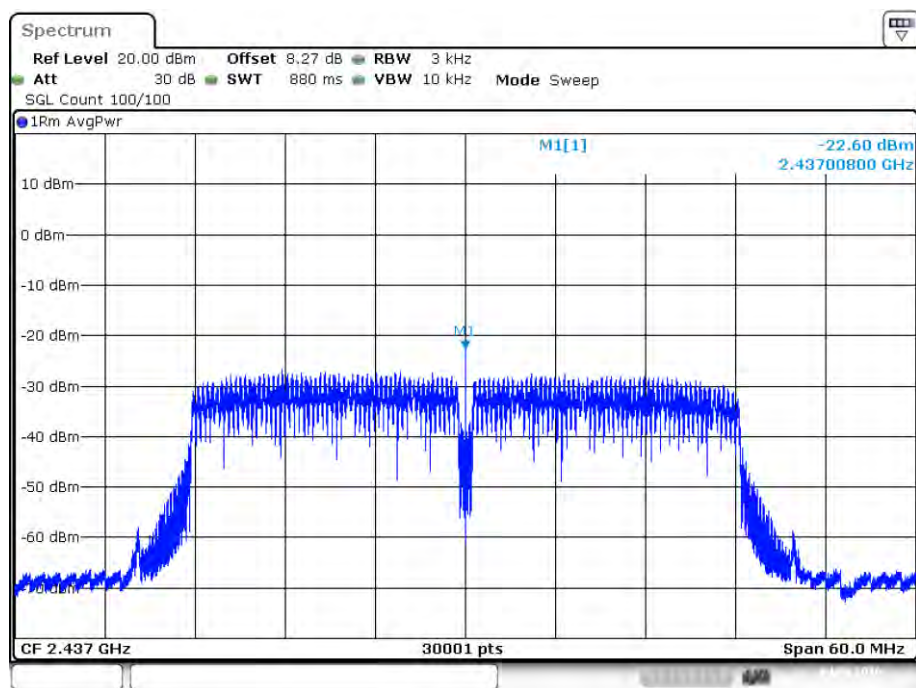
Date: 4.JUN.2026 14:55:46

PSD NVNT n40 2422MHz Ant1



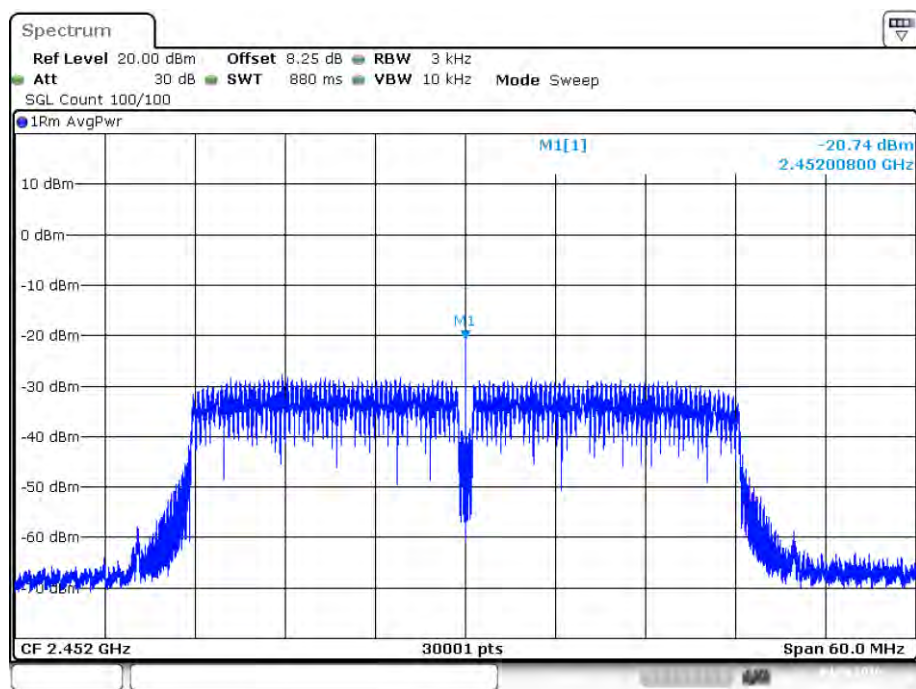
Date: 4.JUN.2026 15:01:09

PSD NVNT n40 2437MHz Ant1



Date: 4.JUN.2026 15:07:17

PSD NVNT n40 2452MHz Ant1

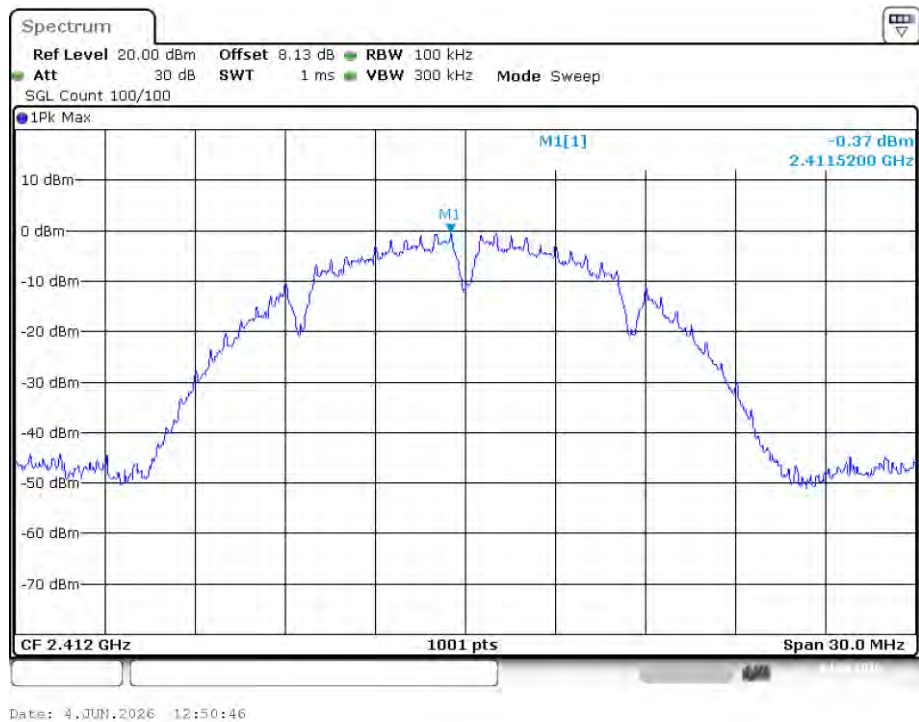


Date: 4.JUN.2026 15:12:18

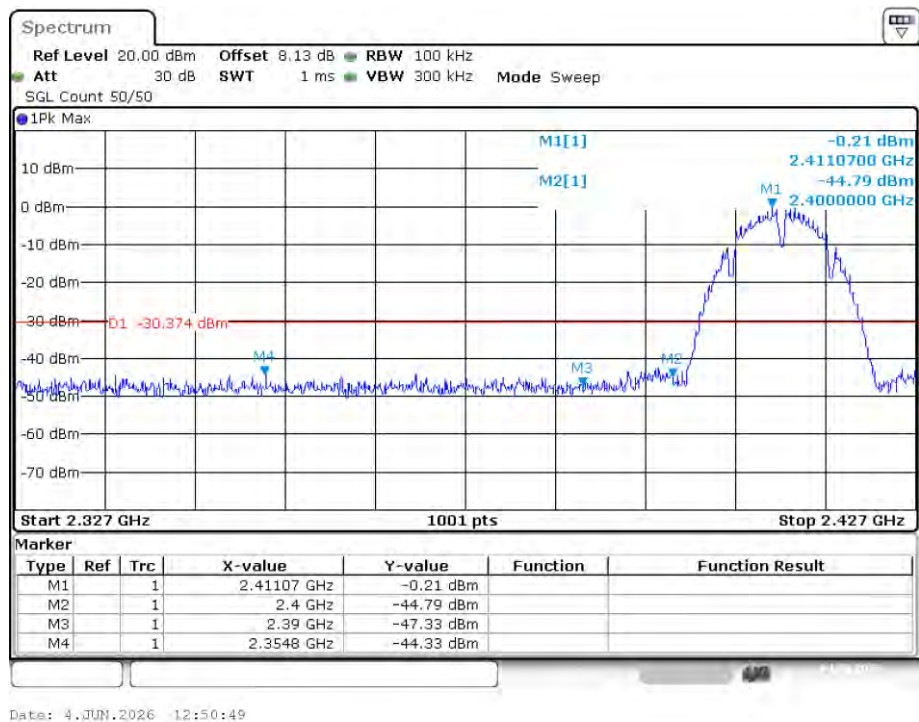
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-43.96	-30	Pass
NVNT	b	2462	Ant1	-41.74	-30	Pass
NVNT	g	2412	Ant1	-37.65	-30	Pass
NVNT	g	2462	Ant1	-38.06	-30	Pass
NVNT	n20	2412	Ant1	-36.81	-30	Pass
NVNT	n20	2462	Ant1	-38.69	-30	Pass
NVNT	n40	2422	Ant1	-35.66	-30	Pass
NVNT	n40	2452	Ant1	-34.56	-30	Pass

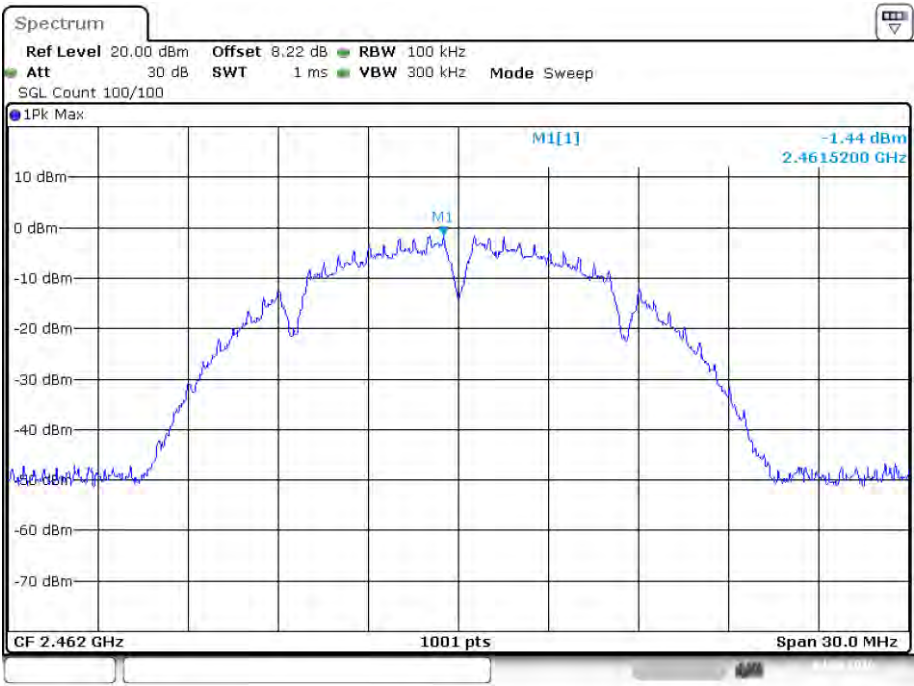
Band Edge NVNT b 2412MHz Ant1 Ref



Band Edge NVNT b 2412MHz Ant1 Emission

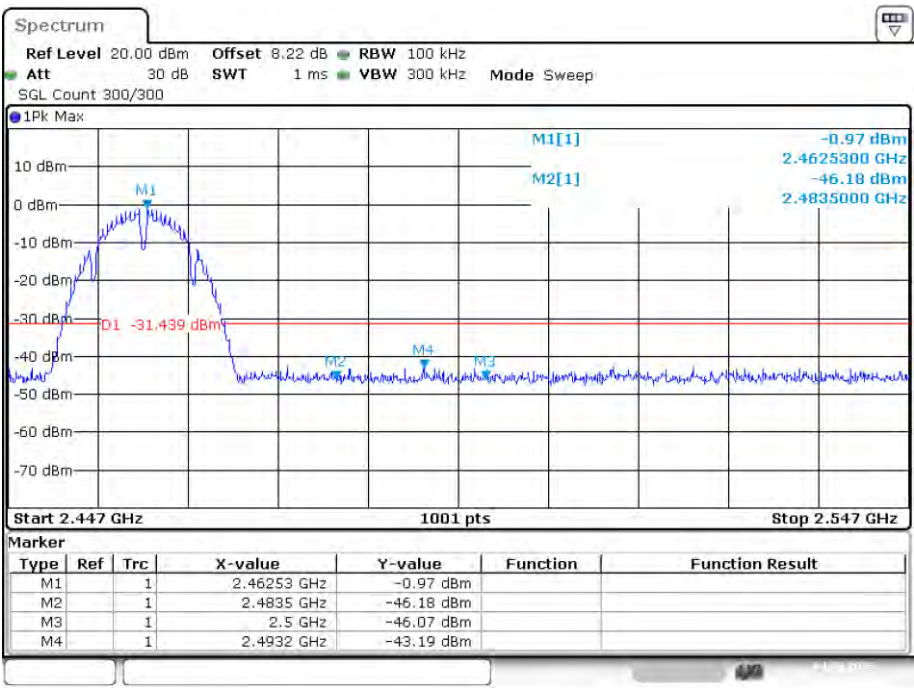


Band Edge NVNT b 2462MHz Ant1 Ref



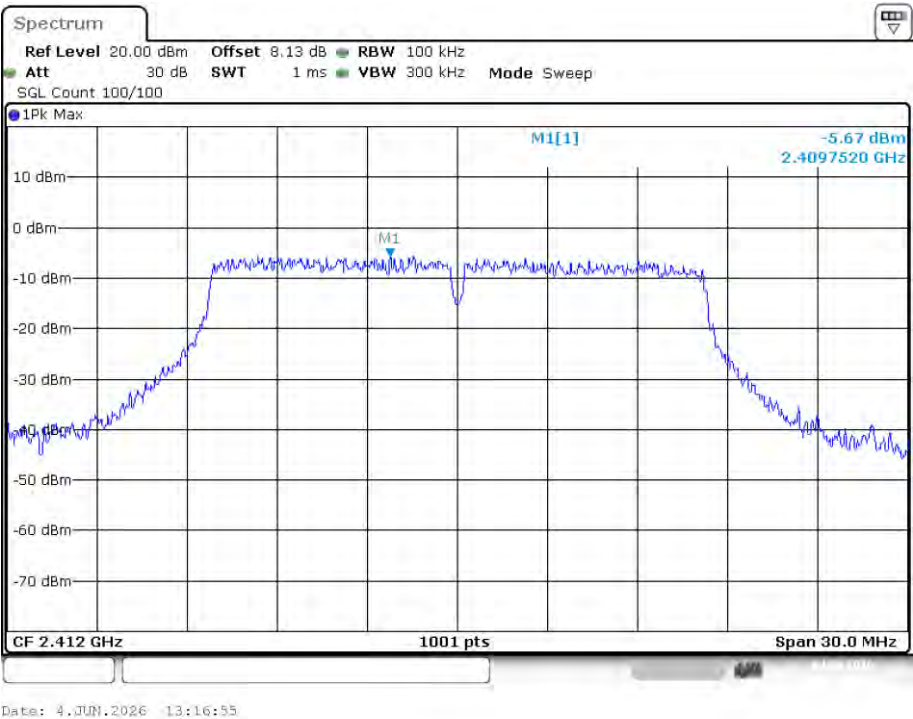
Date: 4.JUN.2026 13:02:37

Band Edge NVNT b 2462MHz Ant1 Emission

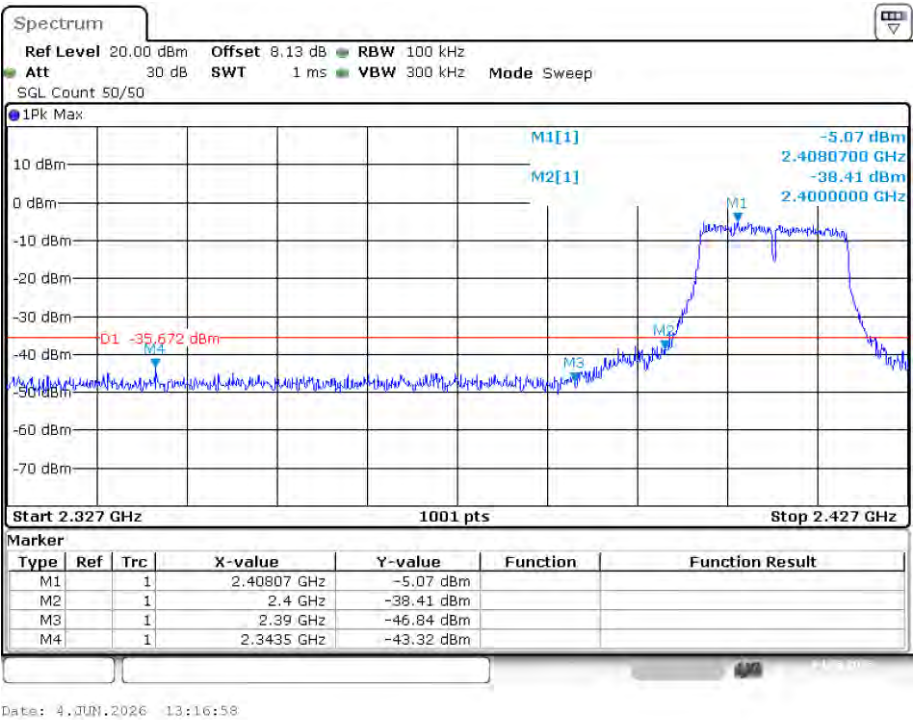


Date: 4.JUN.2026 13:02:42

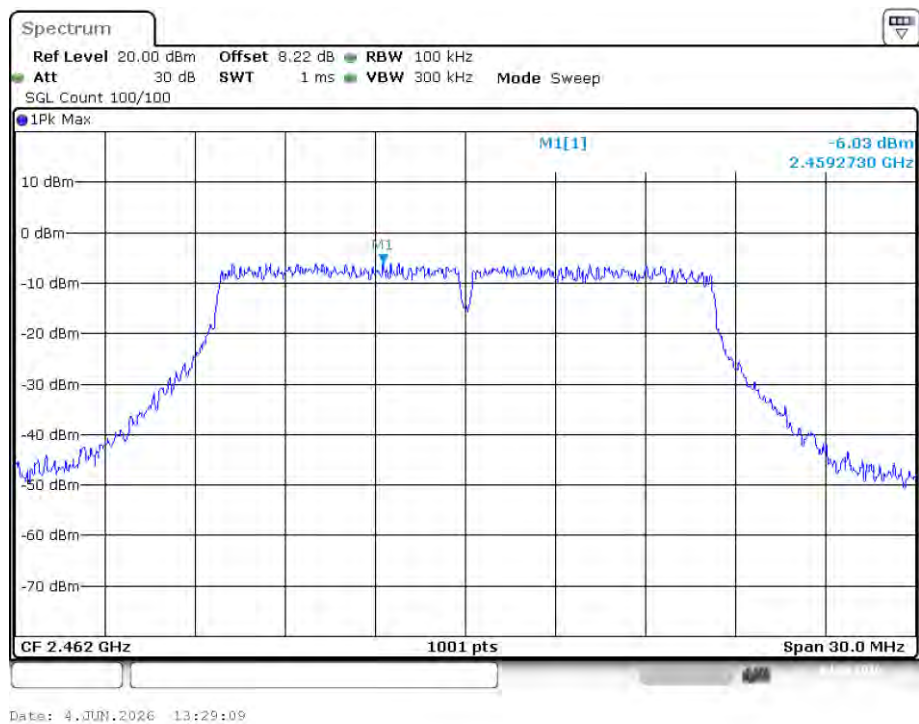
Band Edge NVNT g 2412MHz Ant1 Ref



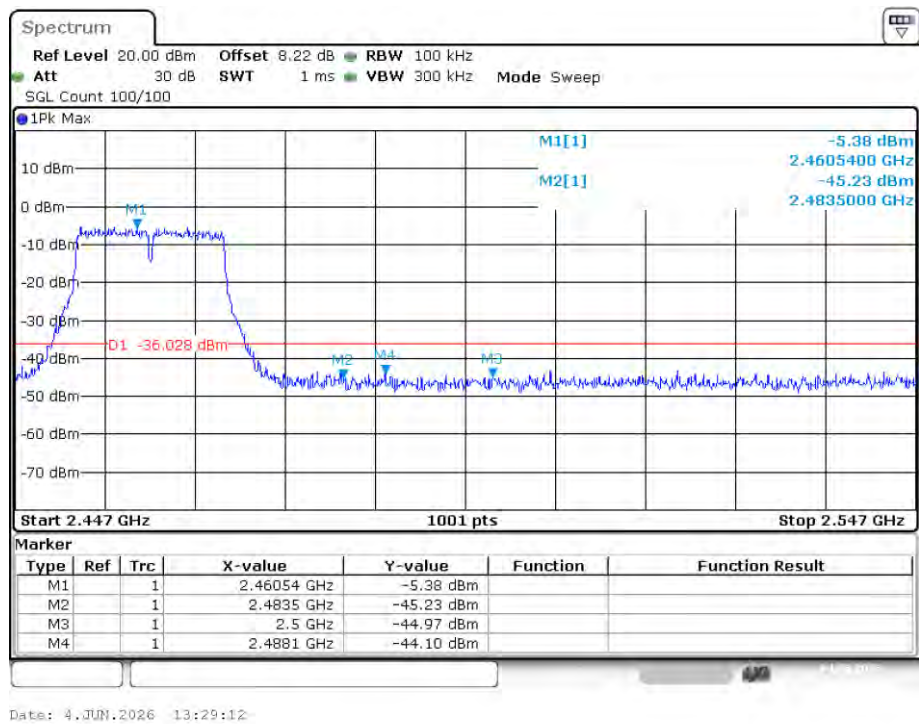
Band Edge NVNT g 2412MHz Ant1 Emission



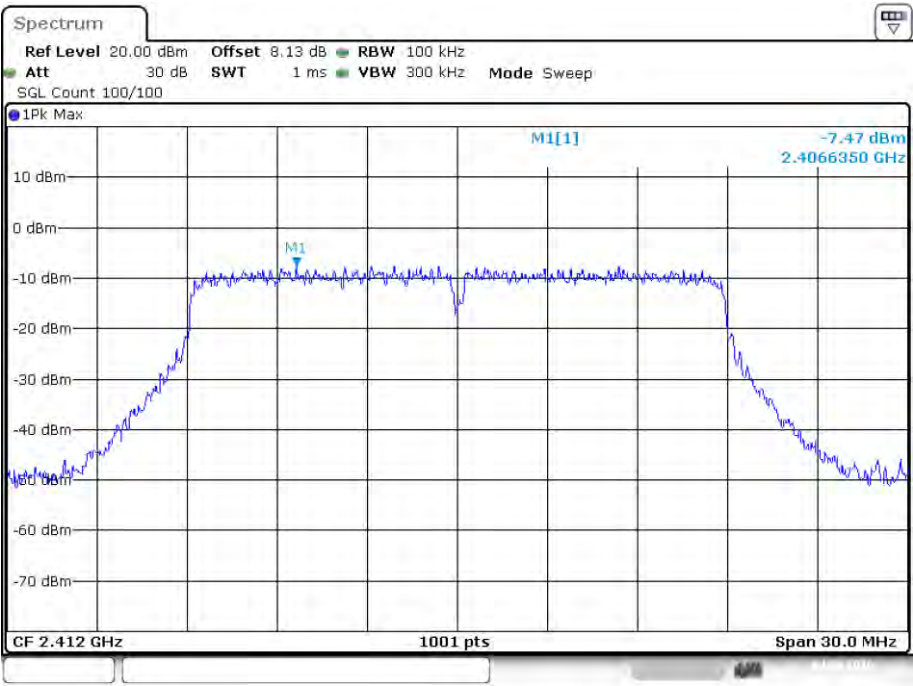
Band Edge NVNT g 2462MHz Ant1 Ref



Band Edge NVNT g 2462MHz Ant1 Emission

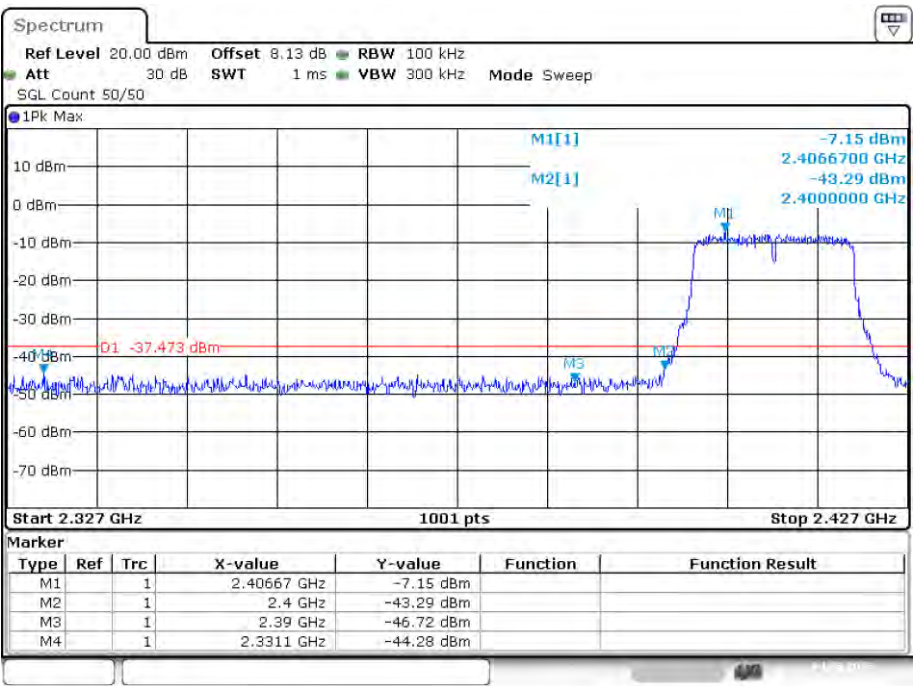


Band Edge NVNT n20 2412MHz Ant1 Ref



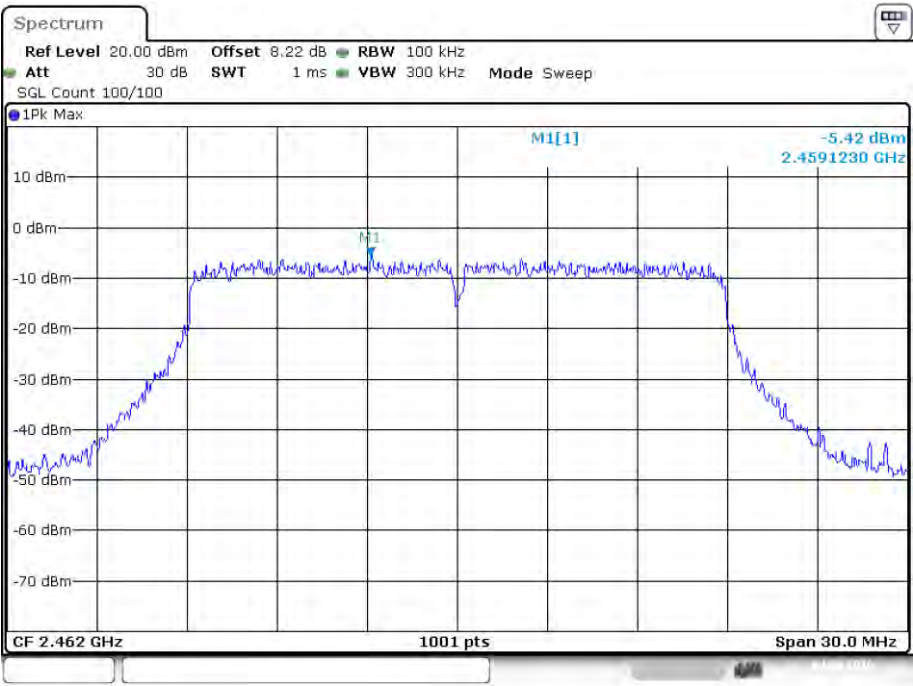
Date: 4.JUN.2026 14:50:45

Band Edge NVNT n20 2412MHz Ant1 Emission



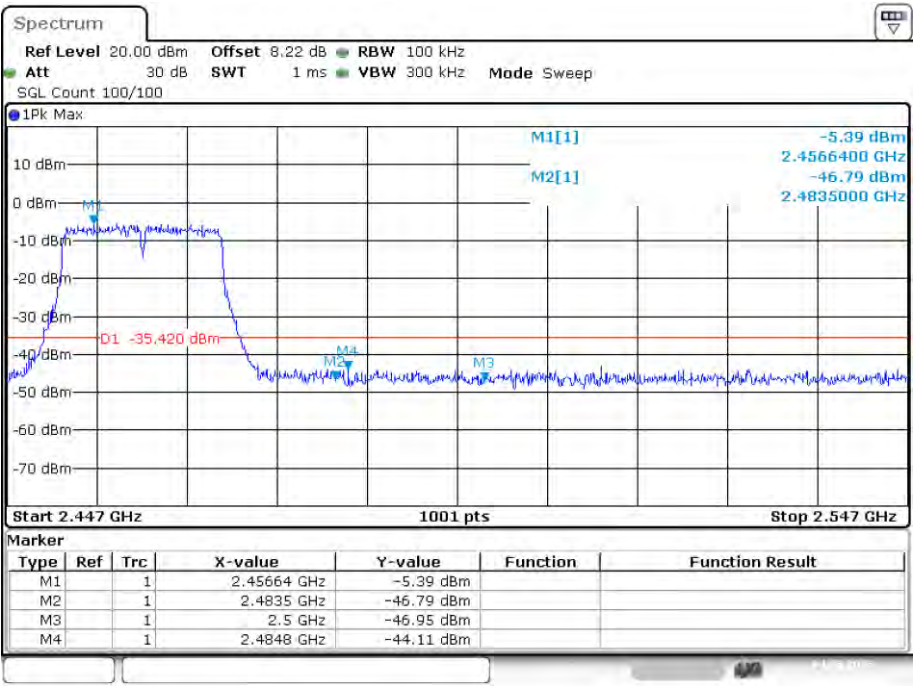
Date: 4.JUN.2026 14:50:48

Band Edge NVNT n20 2462MHz Ant1 Ref



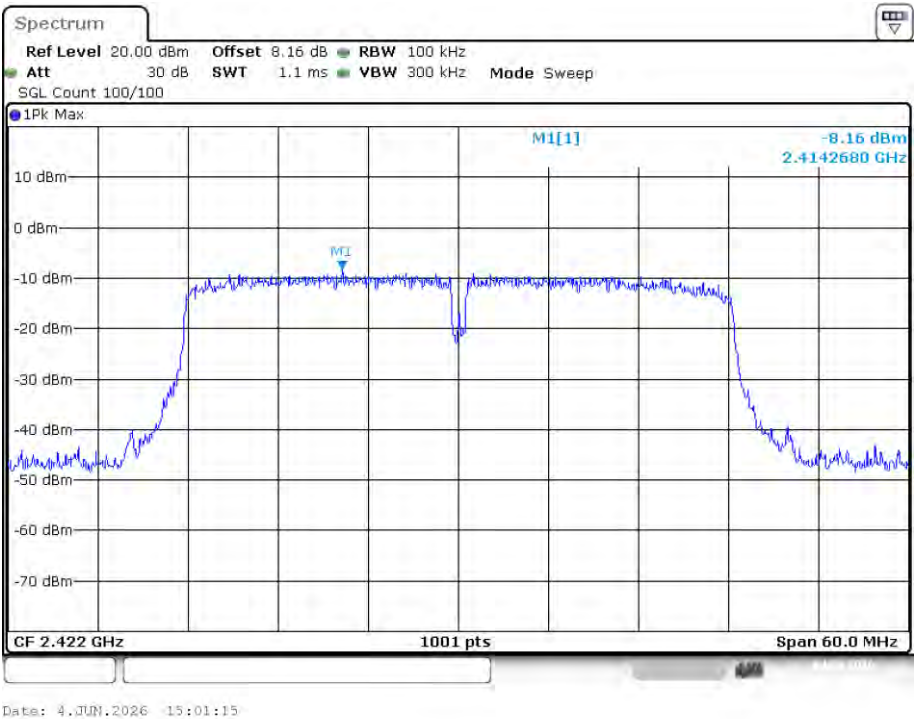
Date: 4.JUN.2026 14:55:55

Band Edge NVNT n20 2462MHz Ant1 Emission

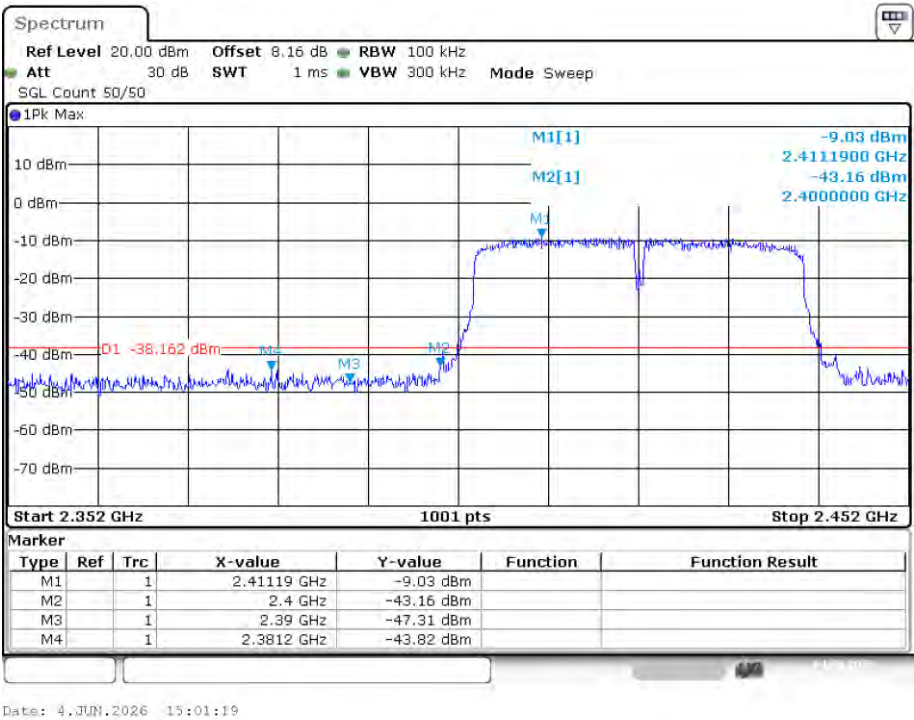


Date: 4.JUN.2026 14:55:58

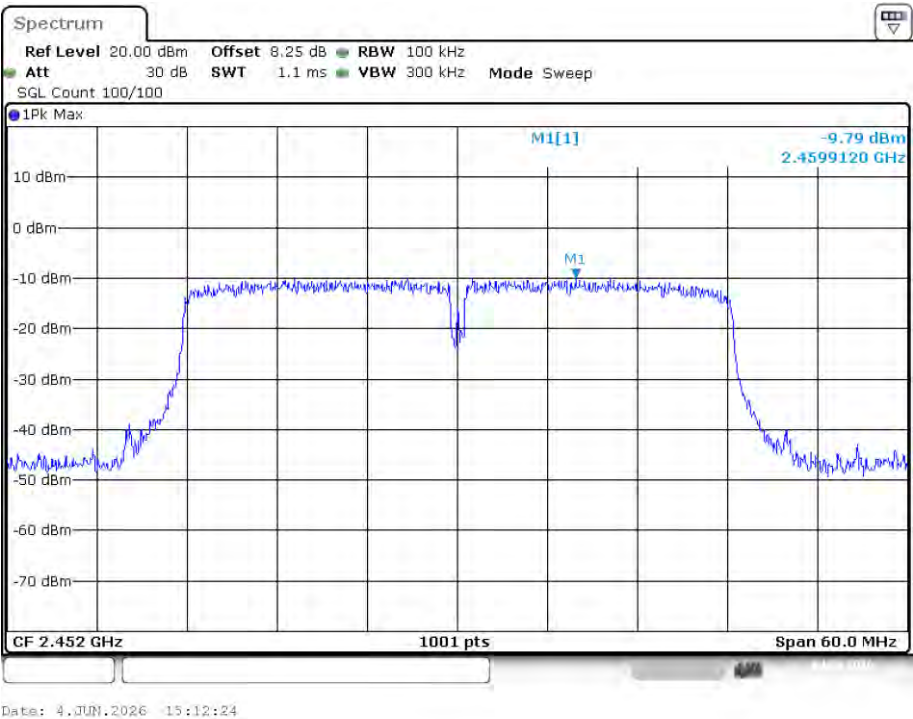
Band Edge NVNT n40 2422MHz Ant1 Ref



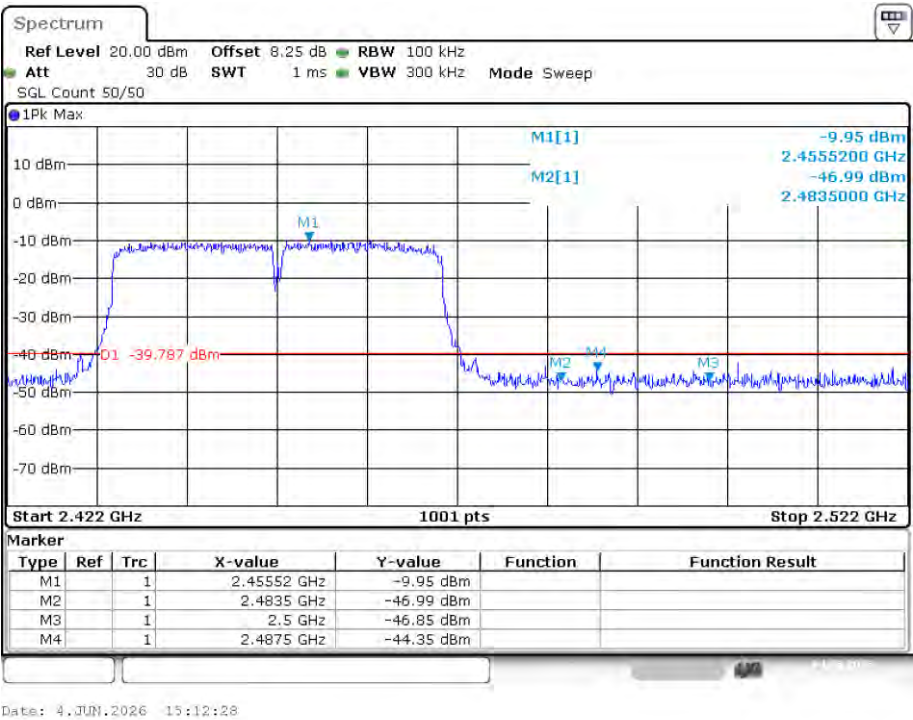
Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref



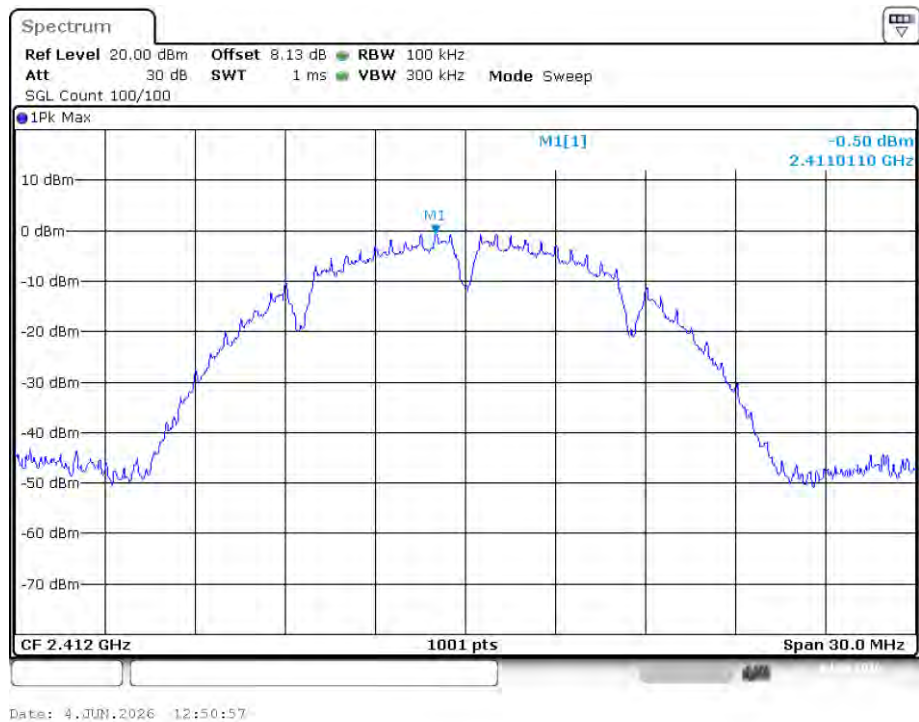
Band Edge NVNT n40 2452MHz Ant1 Emission



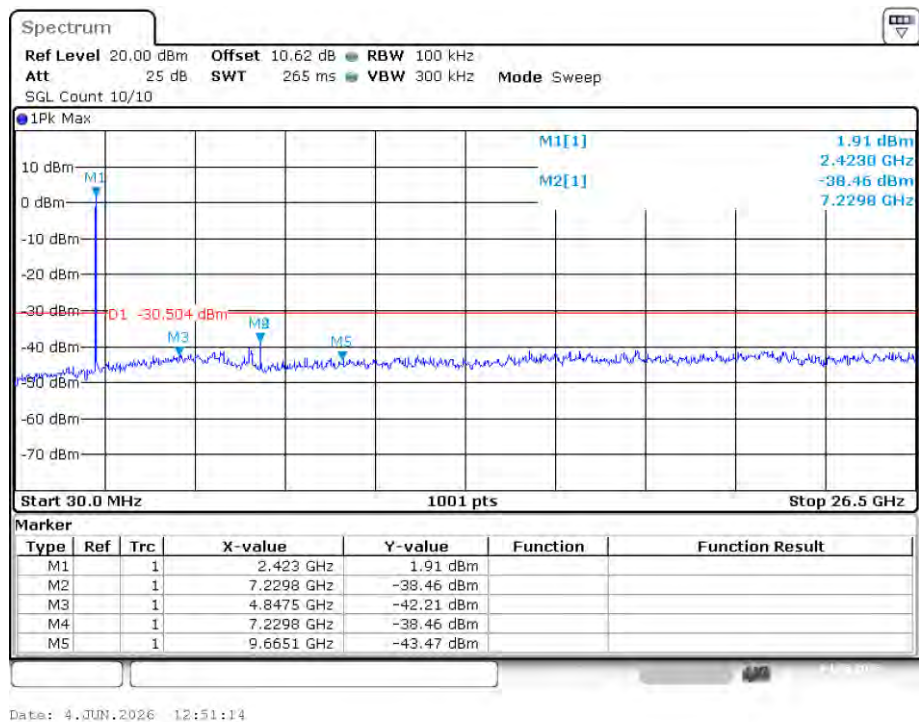
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-37.96	-30	Pass
NVNT	b	2437	Ant1	-38.26	-30	Pass
NVNT	b	2462	Ant1	-38.78	-30	Pass
NVNT	g	2412	Ant1	-34.31	-30	Pass
NVNT	g	2437	Ant1	-34.86	-30	Pass
NVNT	g	2462	Ant1	-34.63	-30	Pass
NVNT	n20	2412	Ant1	-34.19	-30	Pass
NVNT	n20	2437	Ant1	-33.42	-30	Pass
NVNT	n20	2462	Ant1	-34.01	-30	Pass
NVNT	n40	2422	Ant1	-30.59	-30	Pass
NVNT	n40	2437	Ant1	-30.05	-30	Pass
NVNT	n40	2452	Ant1	-31.59	-30	Pass

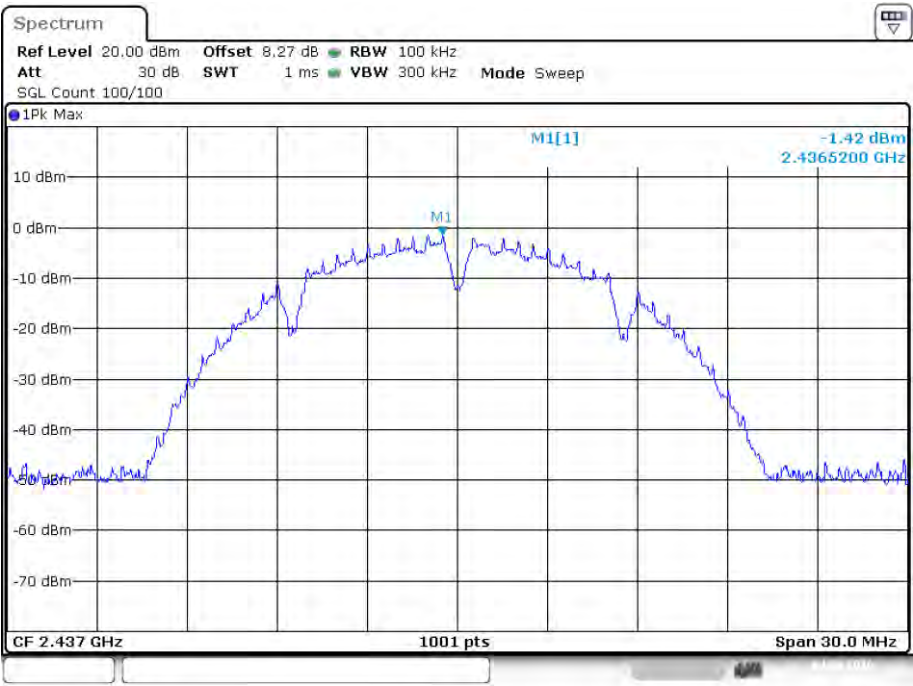
Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission

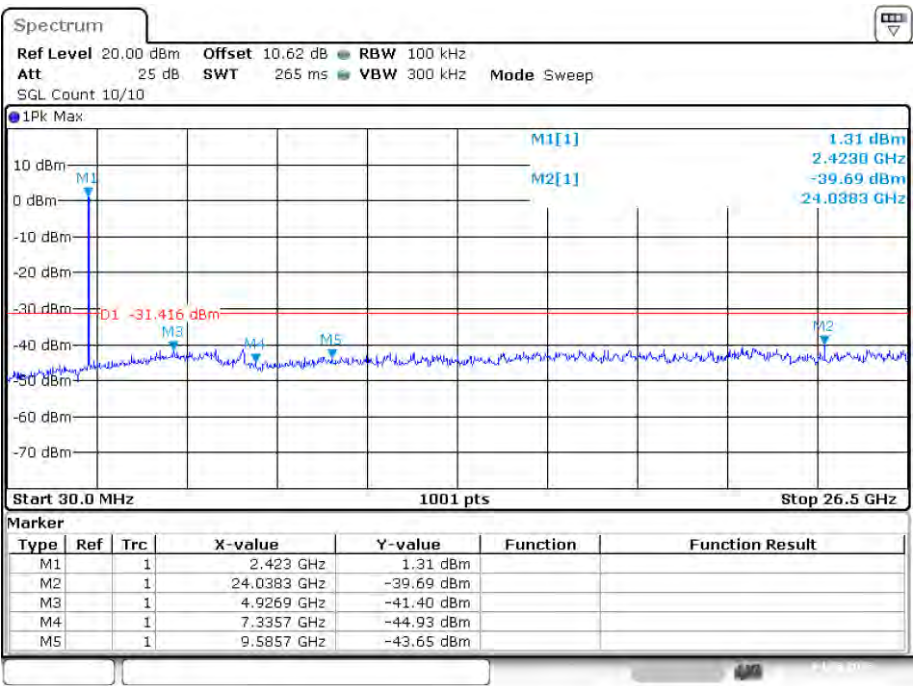


Tx. Spurious NVNT b 2437MHz Ant1 Ref



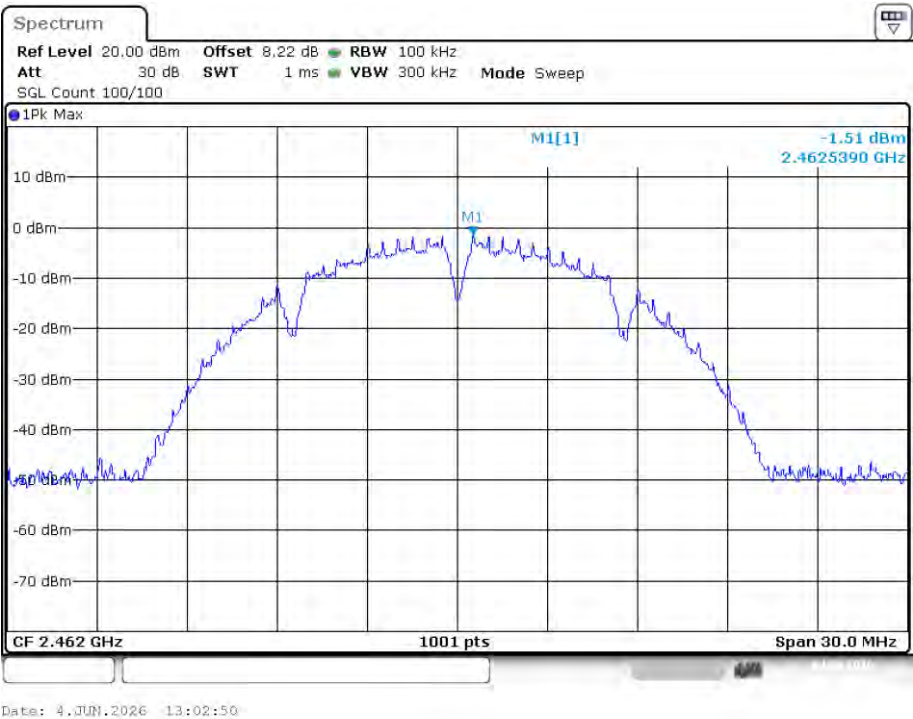
Date: 4.JUN.2026 12:57:50

Tx. Spurious NVNT b 2437MHz Ant1 Emission

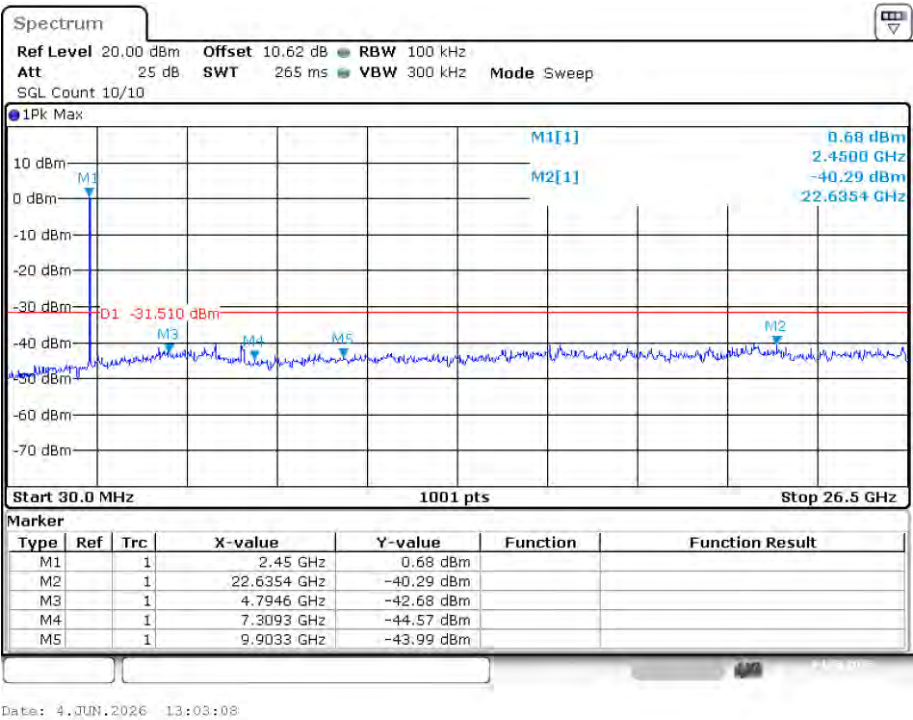


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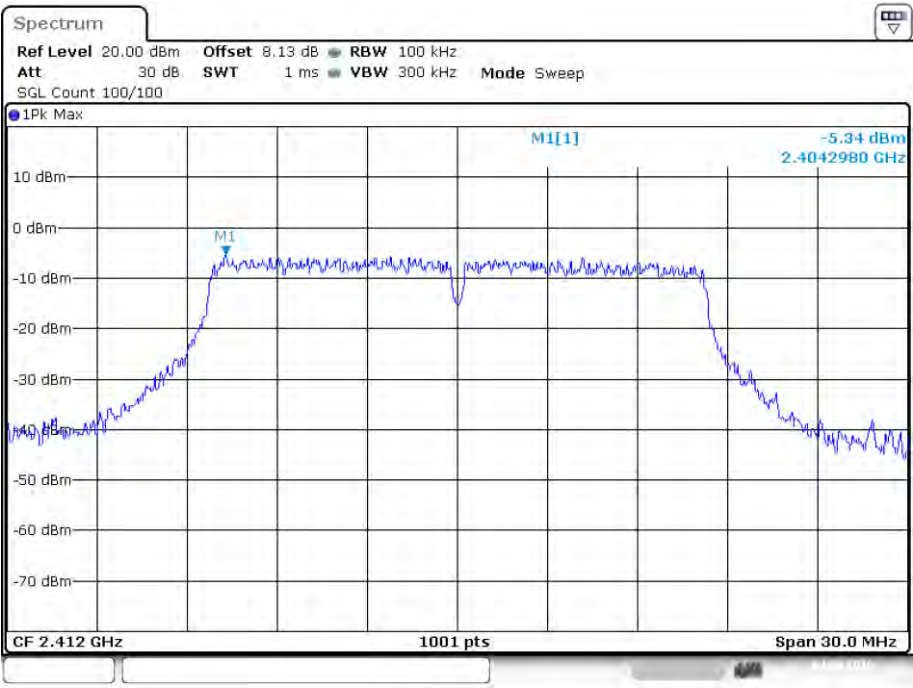
Tx. Spurious NVNT b 2462MHz Ant1 Ref



Tx. Spurious NVNT b 2462MHz Ant1 Emission

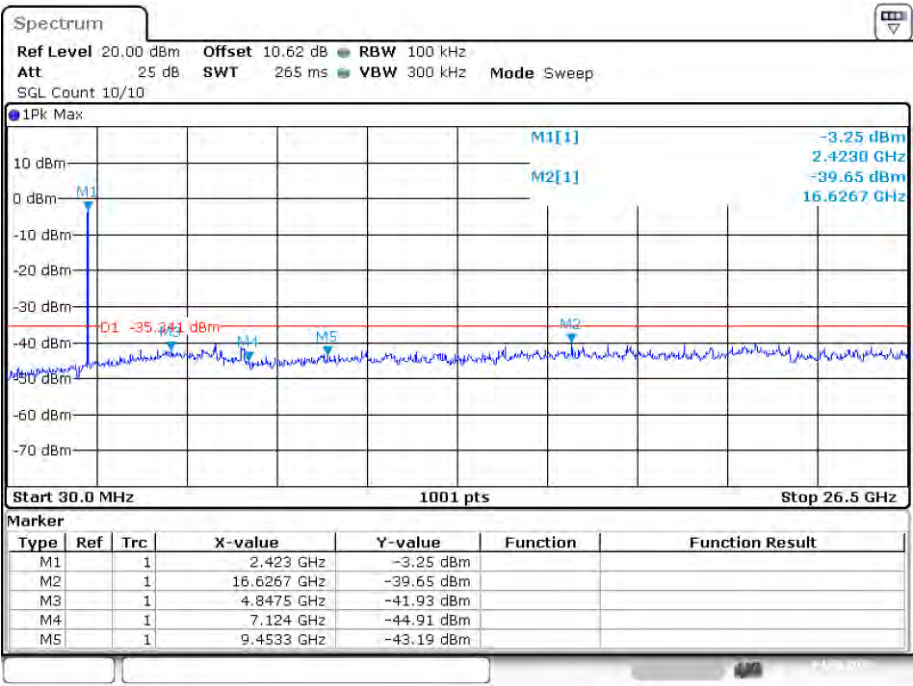


Tx. Spurious NVNT g 2412MHz Ant1 Ref



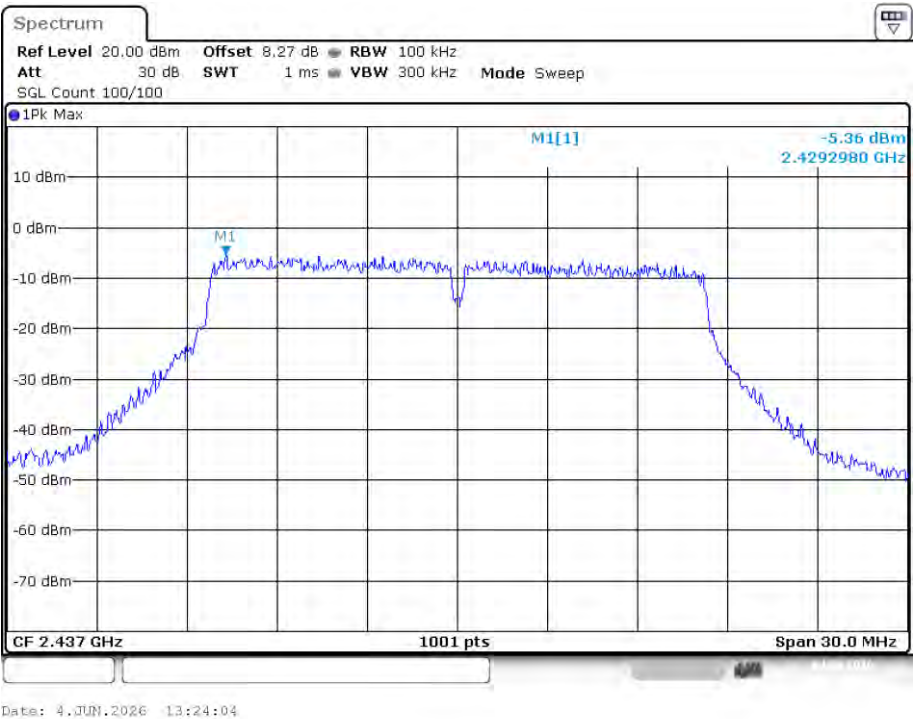
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Tx. Spurious NVNT g 2412MHz Ant1 Emission

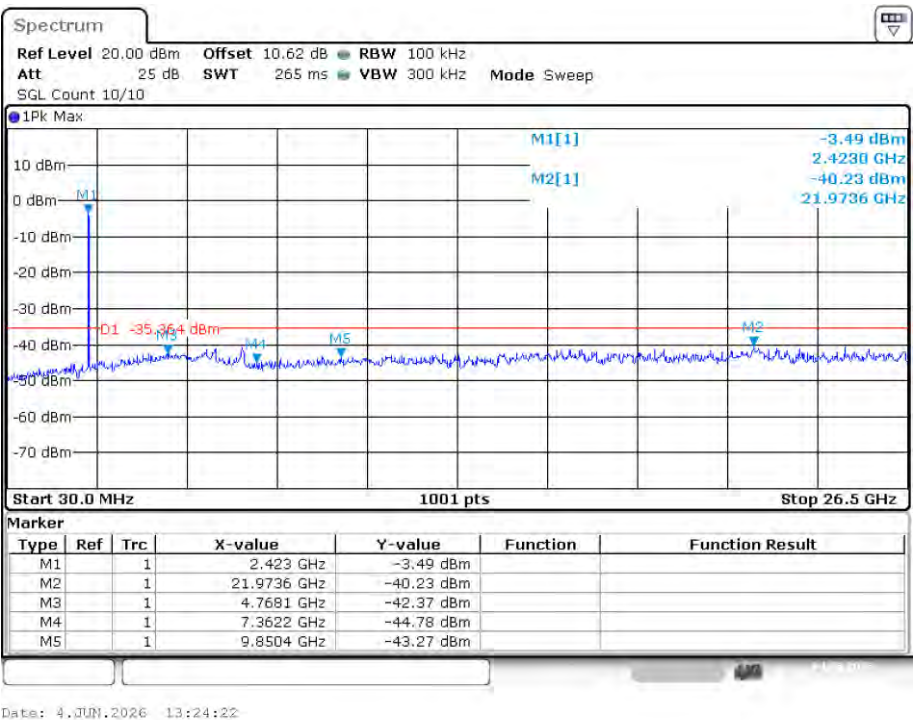


Date: 4.JUN.2026 13:17:24

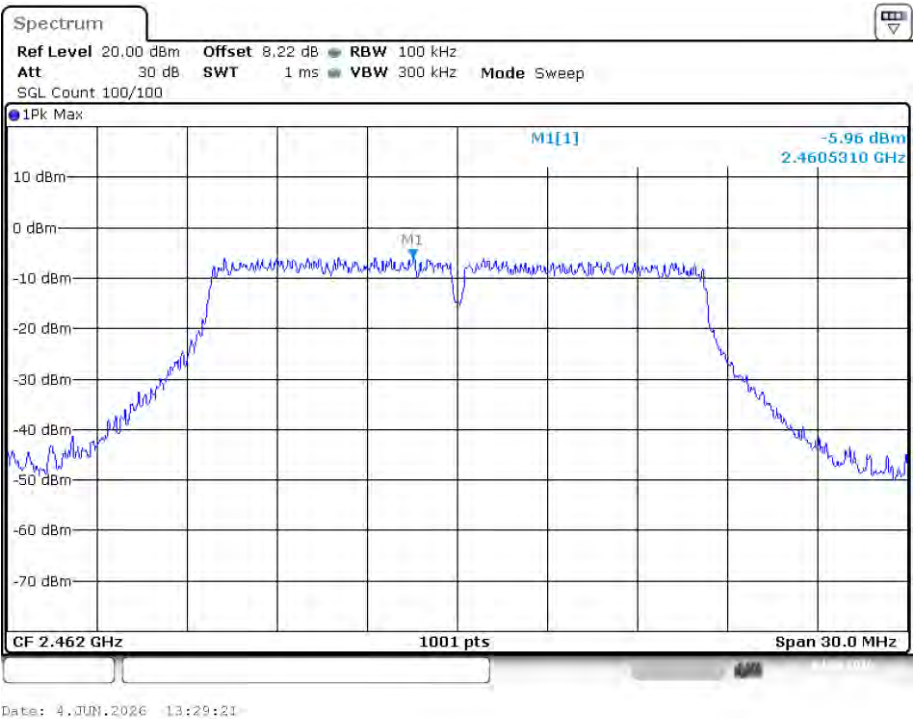
Tx. Spurious NVNT g 2437MHz Ant1 Ref



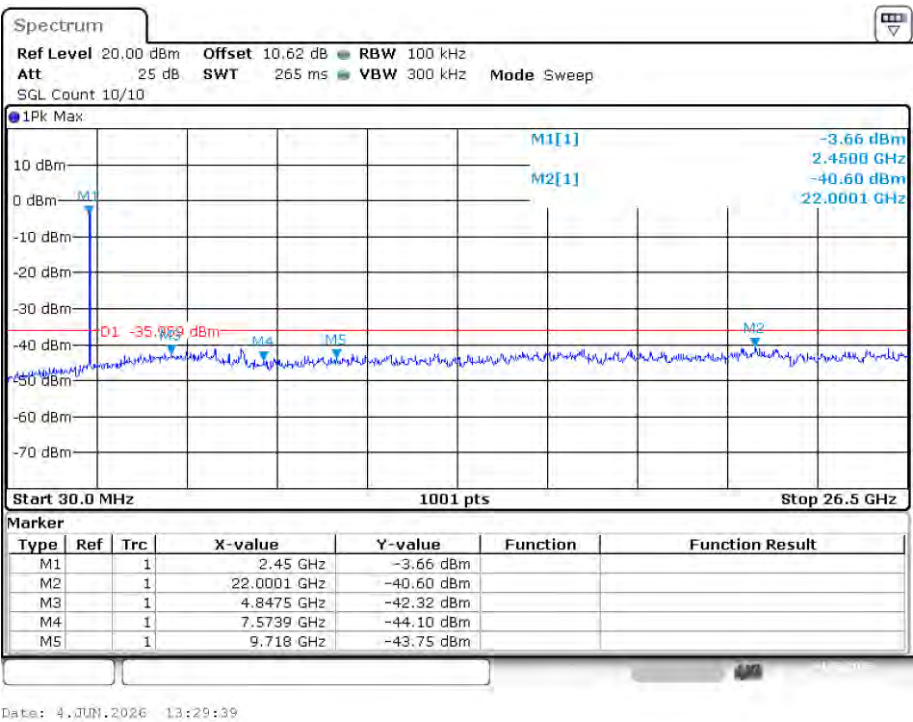
Tx. Spurious NVNT g 2437MHz Ant1 Emission



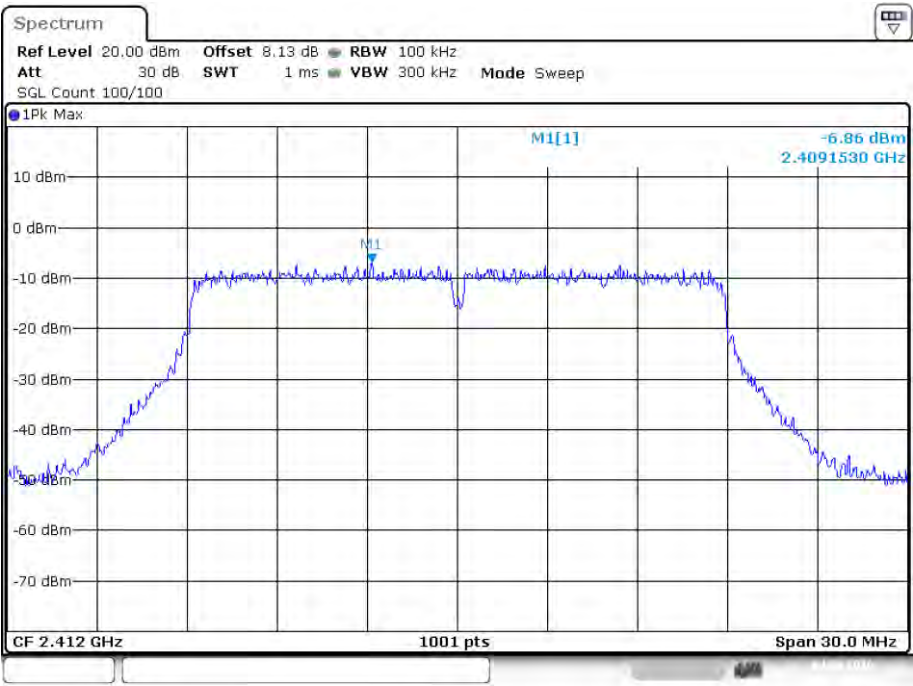
Tx. Spurious NVNT g 2462MHz Ant1 Ref



Tx. Spurious NVNT g 2462MHz Ant1 Emission

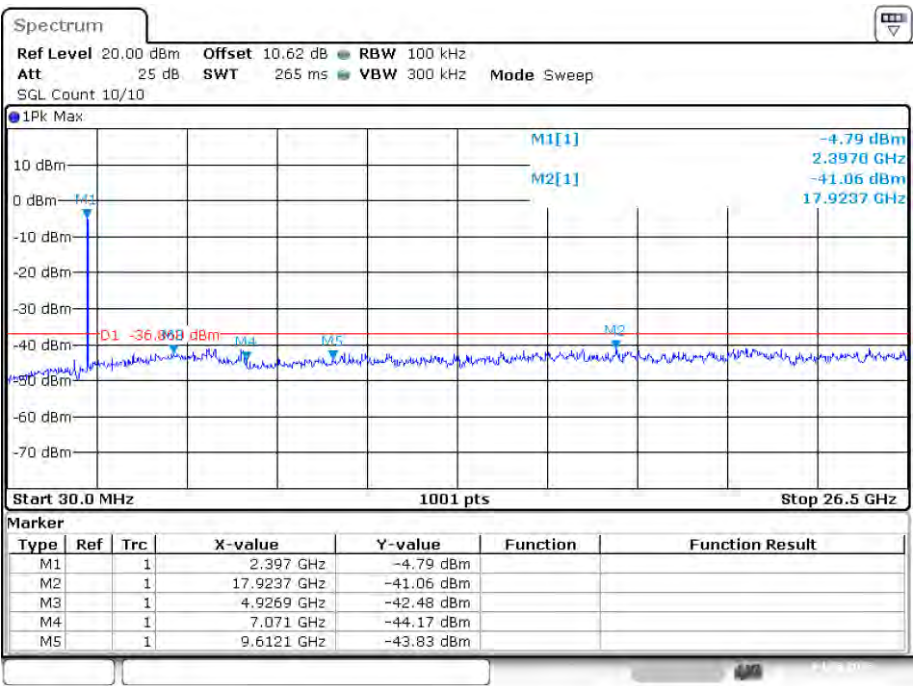


Tx. Spurious NVNT n20 2412MHz Ant1 Ref



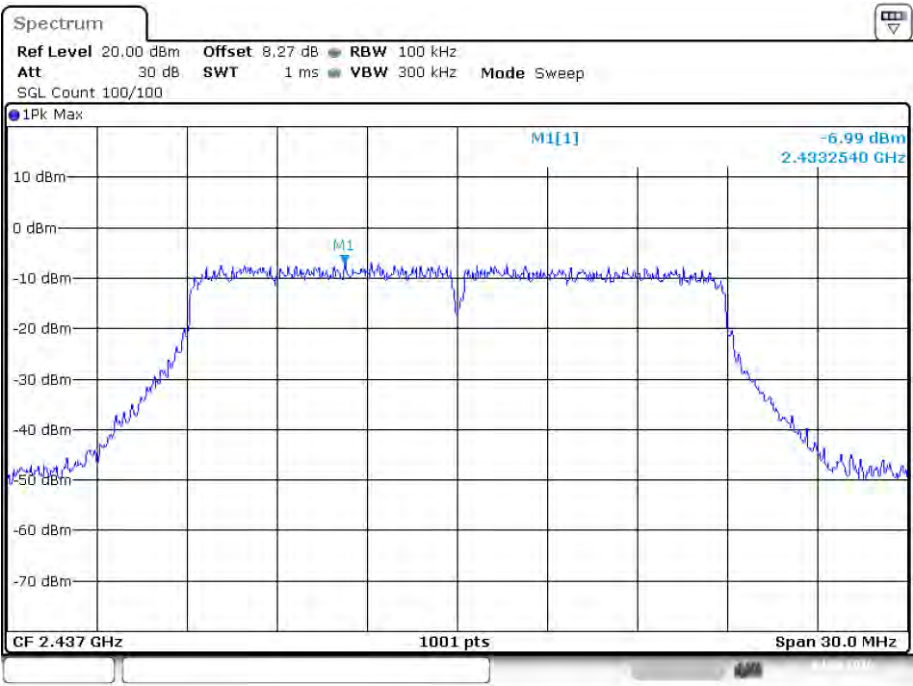
Date: 4.JUN.2026 14:50:56

Tx. Spurious NVNT n20 2412MHz Ant1 Emission



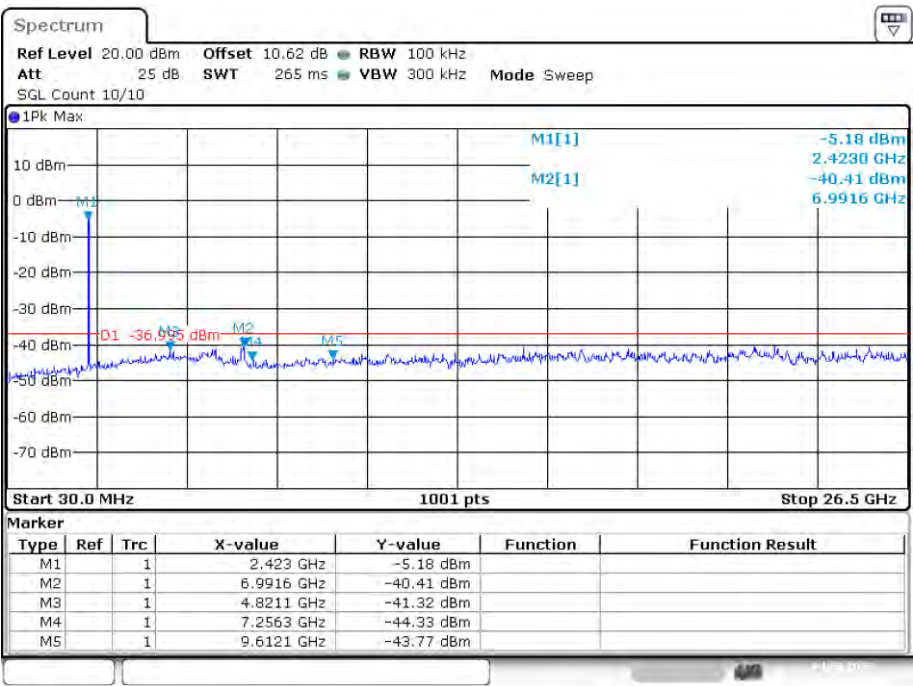
Date: 4.JUN.2026 14:51:14

Tx. Spurious NVNT n20 2437MHz Ant1 Ref



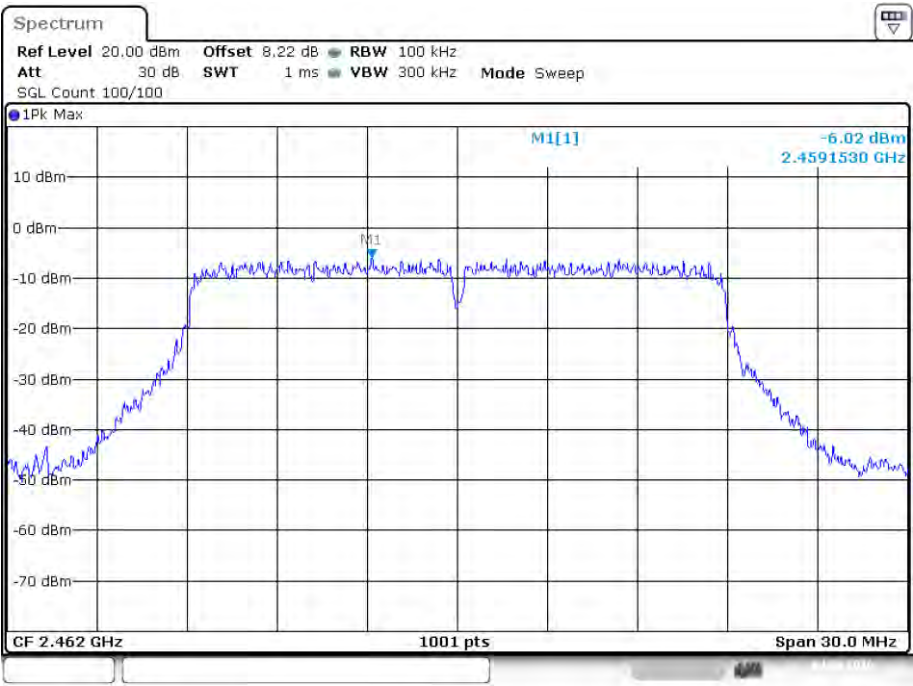
Date: 4.JUN.2026 14:46:17

Tx. Spurious NVNT n20 2437MHz Ant1 Emission



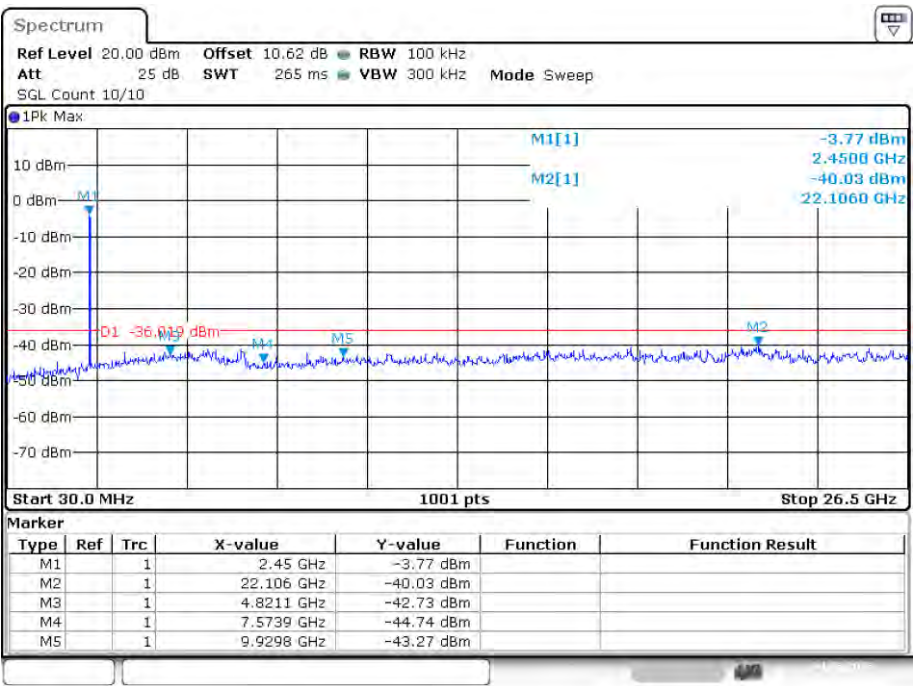
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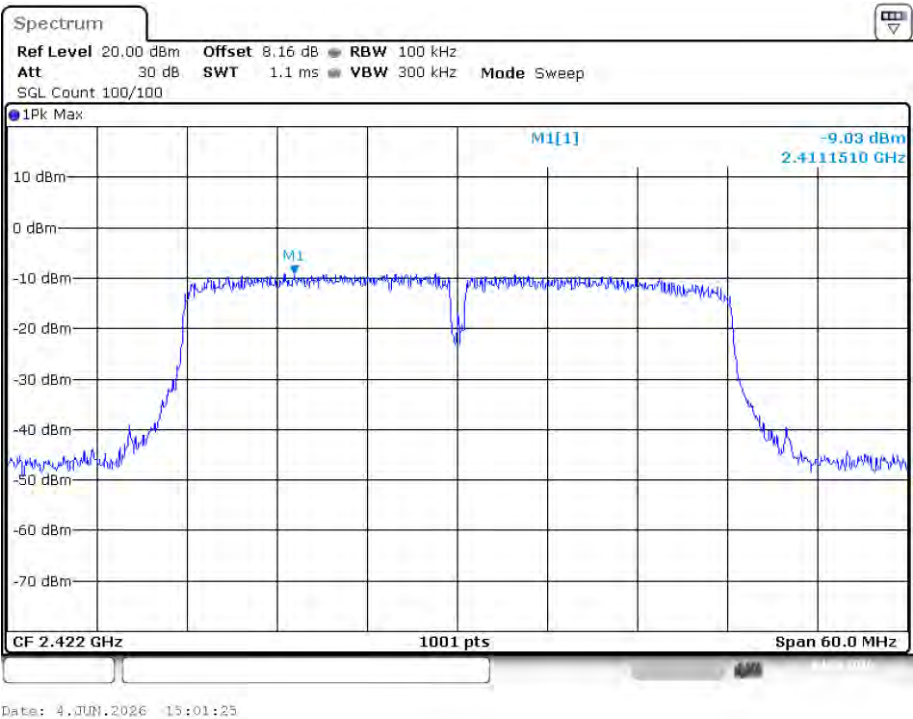
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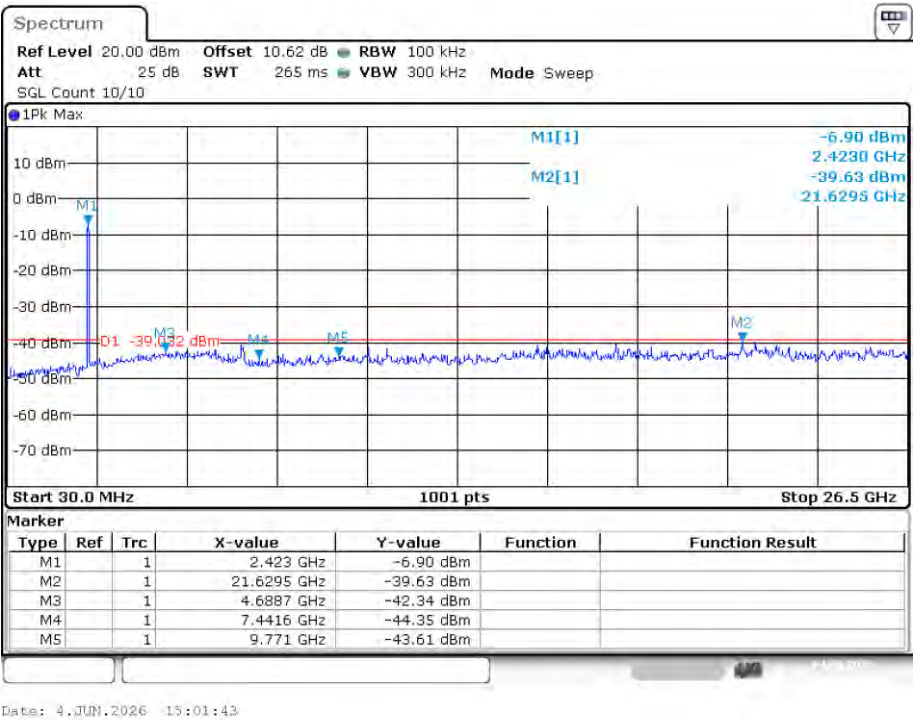


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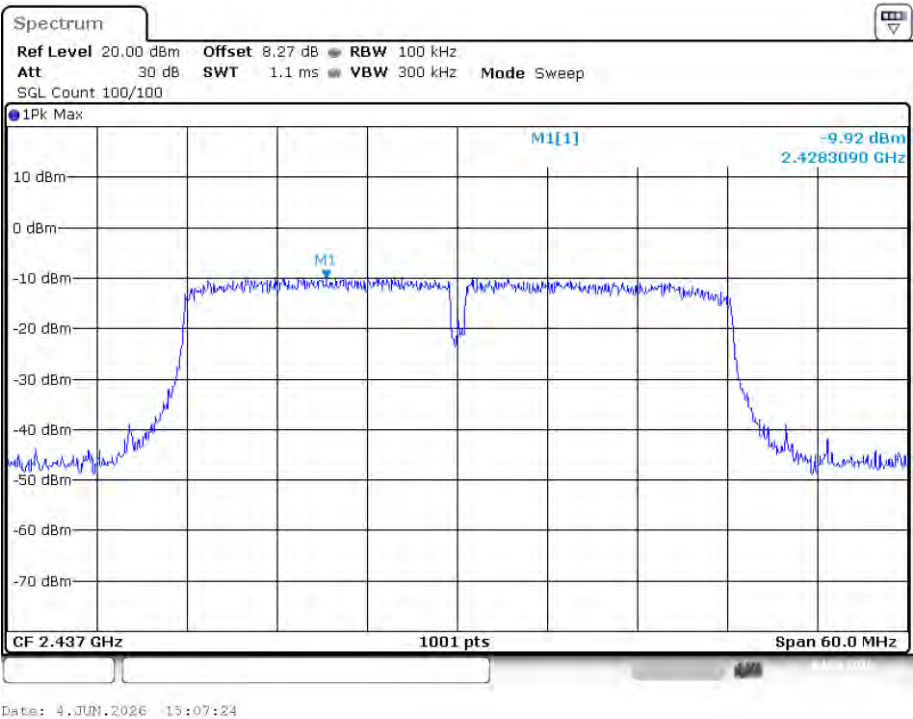
Tx. Spurious NVNT n40 2422MHz Ant1 Ref



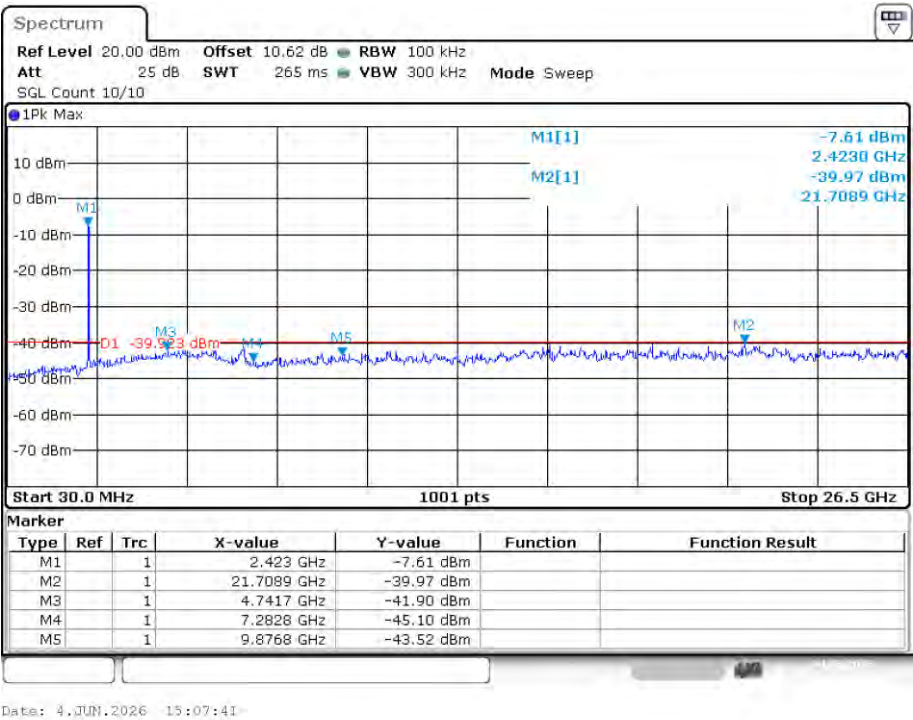
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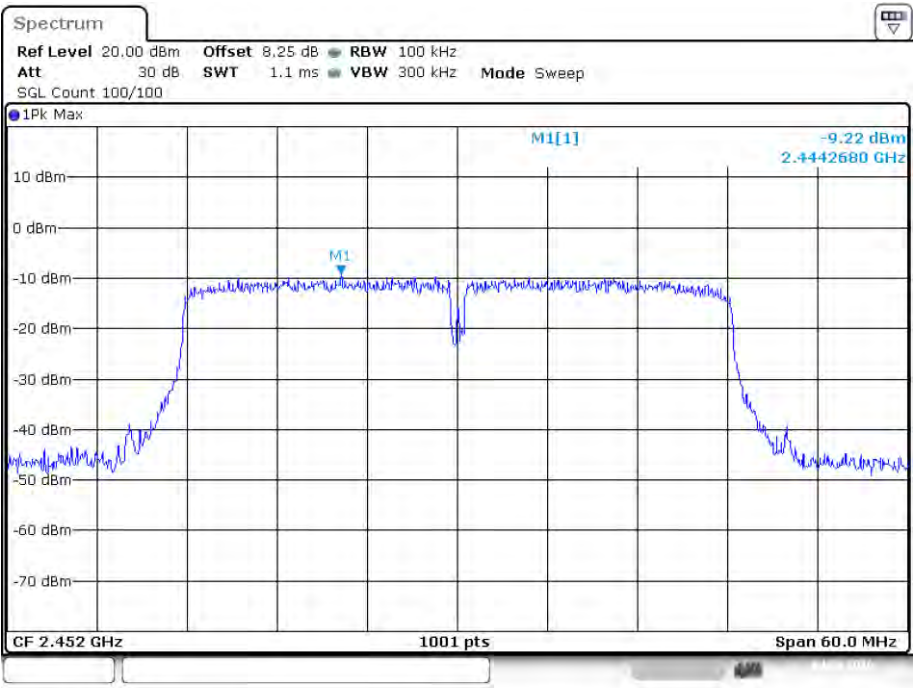
Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission

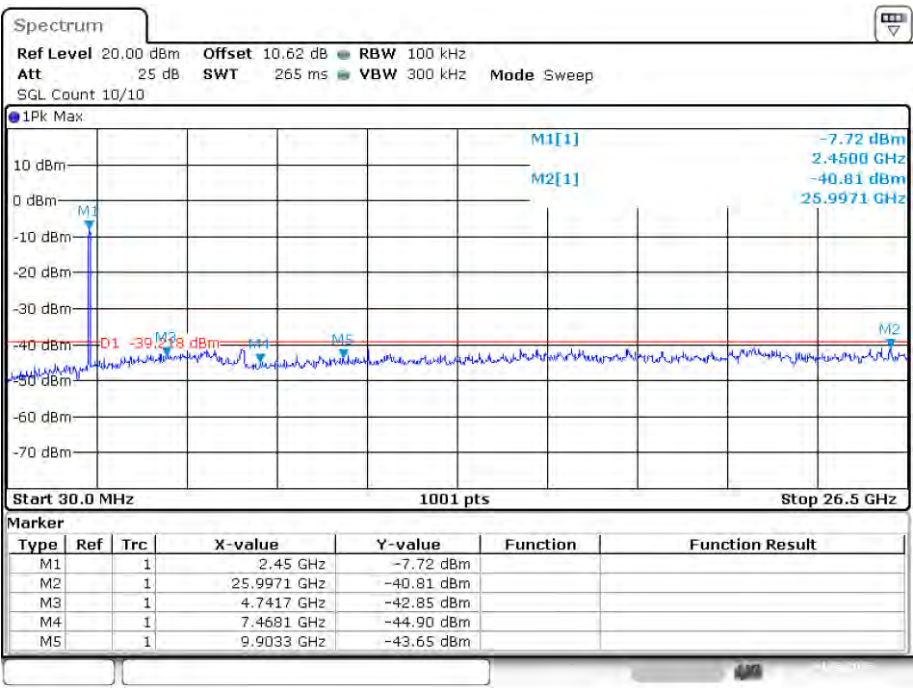


Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Date: 4.JUN.2026 15:12:34

Tx. Spurious NVNT n40 2452MHz Ant1 Emission



Date: 4.JUN.2026 15:12:52